





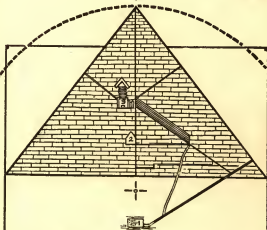
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CHART I

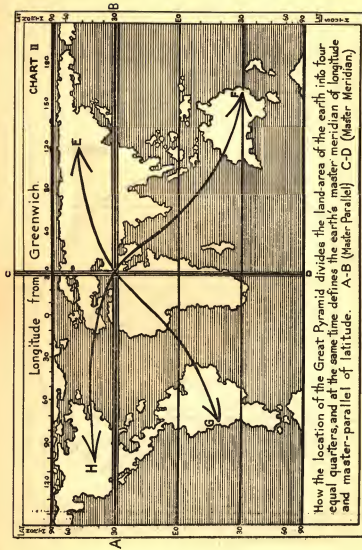


"In that day shall there be an altar to the Lord in the midst of the land of Egypt, and a pillar at the border thereof to the Lord."

"And it shall be for a SIGN and for a WITNESS unto the LORD of Hosts in the land of Egypt."

Isaiah 19:19-20.

How the Great Pyramid, as a whole mass, squares the circle in the relation of its altitude (484 ft. 5 in.) to the length of one side of its square base (760 ft. 11 in.)



E-F One quarter of Earth's land-area.  
F-G " " " " "

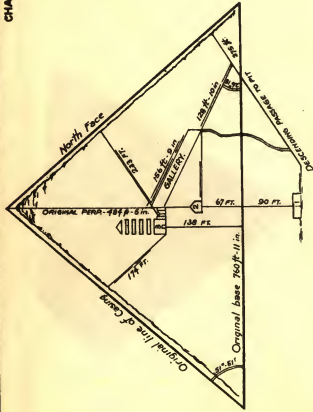
G-H One quarter of Earth's area.  
H-E " " " " "

CHART III



THE GREAT PYRAMID OF GIZEH  
*as it appeared upon its completion. It then possessed its four white reflecting surfaces of highly-polished limestone..*

CHART IV

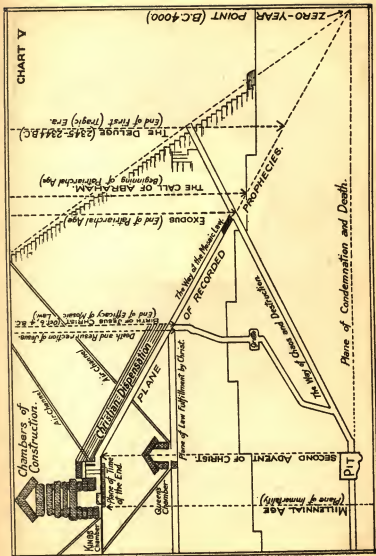


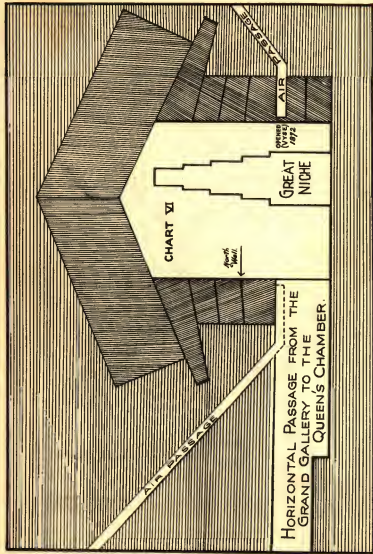
- 1 - The Pit.      2 - The Queen's Chamber.      3 - The King's Chamber.

Cross-Section (North to South) of GREAT PYRAMID

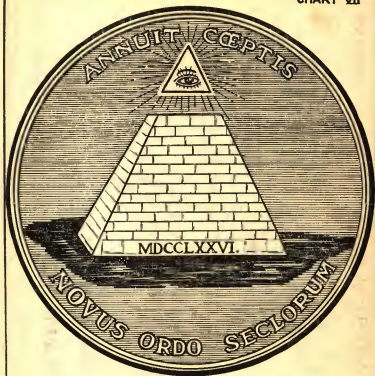


CHART V





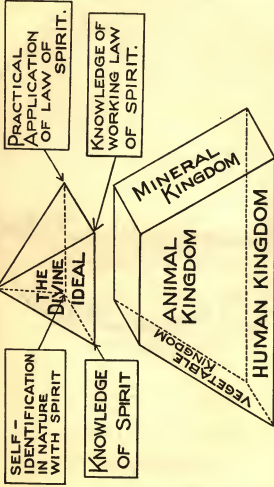
CROSS - SECTION OF QUEEN'S CHAMBER.



GREAT SEAL  
*of the* UNITED STATES *of*  
AMERICA  
(Reverse Side.)

# IMMORTALITY

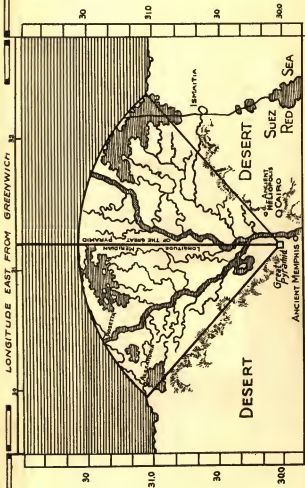
CHART VIII



## SCHEMATIC DRAWING OF EVOLUTIONARY PYRAMID

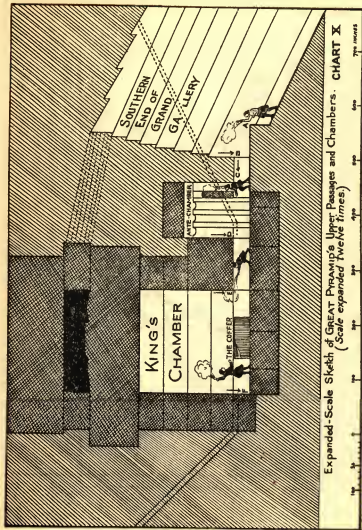
JUDGE T. TROWARD'S CONCEPTION OF PERFECTED MAN EXHIBITED AS THE APEX, OR CORNERSTONE, OF THE GREAT PYRAMID OF EVOLUTION

CHART IX



LAT. NORTH

How the location of the GREAT PYRAMID fulfills Isaiah's reference to it as being situated 'in the midst of the land of Egypt ... and also .. at the border there of.'



F - Aug 29, 1953.

# MIRACLE OF THE AGES

## *The Great Pyramid of Gizeh*

Revealing the Message of the Great Pyramid  
in its Relation to the Present Crisis and the  
Near Future of the Race and Correlating  
Bible Prophecies and Ancient Historical References  
to the Great Pyramid

By

WORTH SMITH

*"The Great, the Mighty God \*\*\* hast set  
signs and wonders in the land of Egypt,  
even unto this day." (Jer. 32: 18-20)*

L. N. Fowler & Co.  
7 Imperial Arcade, Ludgate Circus  
London, E. C.

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by

Worth Smith

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TO GENEVIEVE



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## FOREWORD

**T**HIS volume contains the substance of a series of illustrated lectures dealing with the subject of the Great Pyramid of Gizeh as recently given by the author in a number of the leading cities of the United States of America, notably those of the Pacific Coast area and of the Southwestern and Central portions of the nation, in each instance to splendid groups of earnest students. It is at their kind request that this book is written; and the author is grateful to them for the suggestion.

In the preparation of this work the author has in view the primary purpose of practical utility. He has endeavored also to combine clarity of presentation with simplicity of style. Toward that end only simple, everyday English is employed, language which all of average educational attainments may read, easily assimilate, and fully comprehend. Brevity of text, within certain limits, has been attempted, too; but in dealing with a subject so very comprehensive in scope as that of the Great Pyramid, it being nearly an inexhaustible fountain of recorded wisdom, it is difficult to feature conciseness of contents and still bring forth the fruits desired. Consequently this volume has gone quite beyond the range originally contemplated for it. A particular effort has been made to avoid matters of an abstruse and technical nature, to omit controversial topics, and to shun

## FOREWORD

conclusions of a chimerical type. Yet the author has tried to retain the prime essentials of authenticity and appeal to the interest of the reader.

For the benefit of those readers who do not enjoy having the flow of the reading text broken into, and their concentration more or less disrupted, by the injection of "dry" mathematics, however simplified the figures may be, a complete appendix, devoted exclusively to some of the astonishing mathematical wonders of the Great Pyramid, is found herein. In that portion of the volume all mathematical materials are reduced to primary arithmetic, no process more difficult than simple proportion being employed. The principles and solutions recorded there are vital, since it is only by their use that many of the startling assertions made herein can be proved beyond peradventure of doubt, or cavilling claim that the facts given are pure coincidence. Mathematics being an exact, or absolute, science, coincidence can not enter into it; principle, and that only, prevails there.

The very nature of this book, that of the substance of a series of lectures, renders it difficult to avoid repetition of some statements; and again repetition is wilfully utilized for purposes of placing stress on portions deemed worthy of retention in memory. The reader may as well accustom himself early in his study hereof to bewildering assertions anent the wonders of the Great Pyramid, and the mighty wisdom of its architect; facts of that nature often

## FOREWORD

follow closely one upon the other herein, this being a condensed volume.

The dimensions of the Great Pyramid, wherever quoted, either as a whole or in part, are based on the sterling measurements of Sir Flinders Petrie, and their absolute verification as done scientifically by D. Davidson. In the materials found in the appendix credit is given to D. Davidson, H. W. J. Senior, Piazzi Smyth and Sir Flinders Petrie.

The author wishes to express herein his deep appreciation of the masterly works of the following writers, to whom the world of to-day is indebted for most of its authentic knowledge of the marvels of the Great Pyramid, and to make grateful acknowledgment of the assistance their excellent volumes have been to him in the pursuit of his studies and in the compilation of this book: To D. Davidson of Leeds, England, and his late collaborator, H. Aldersmith, whose eminently scientific and scholarly volume, "The Great Pyramid, Its Divine Message", is a constant companion and ceaseless source of information and inspiration; to Professor Piazzi Smyth, late Astronomer Royal of Scotland, and his text, "Our Inheritance in the Great Pyramid"; to the late Doctor Joseph A. Siess of Philadelphia, author of "A Miracle in Stone"; to Morton Edgar of Glasgow, Scotland, for three of his splendid works, "The Great Pyramid, Its Scientific Features", "The Great Pyramid, Its Time Features" and "The Great Pyramid, Its Spiritual Symbolism"; to Charles

## FOREWORD

S. Knight and his volume, "The Mystery and Prophecy of the Great Pyramid"; to the late Judge Thomas Troward of India and England, able and learned metaphysician, and his several volumes; and to Genevieve Behrend, only personal pupil of Judge Troward. Thru the courtesy of Genevieve Behrend, the author has had the good fortune to have had at his command Judge Troward's excellent, voluminous, and for the greater part altogether unpublished, notes on the Great Pyramid, on which Troward based his lectures on that subject in London in 1912, just prior to his return to Ruan Manor, Cornwall, to give two years of intensive, personal instruction to Genevieve Behrend. Grateful mention is also happily made of the works of the following authors: John Taylor of London, one of the very first to correctly interpret some of the Great Pyramid's true message, General Howard Vyse, Colonel Garnier, John Greaves, Nathaniel Davison, Sir Flinders Petrie, and others of no less prominence, whose ceaseless labors have been instrumental in shedding more light upon "The Great Pyramid of Gizeh, the Miracle of the Ages."

WORTH SMITH



## CHAPTER I

### THE FIRST WONDER OF THE WORLD

THE ancients, in conferring upon the Great Pyramid of Gizeh the predominant distinction of being the first of the Seven Wonders of the World, perchance chose more wisely than they themselves realized. Even now in our modern day, based strictly on the face value of the exhibits at hand, and despite the rapid strides in the dissemination of learning and the resultant progress among many peoples of many lands, the same unique and exalted honor can be ascribed to the marvelous structure of antiquity with equal aptness and claim to its being a worthy and just award. It is very probable that there is no single, man-made object on the face of the earth to-day which is attracting the widespread attention, and captivating the interest of so many earnest people, as is the case of the Great Pyramid. Especially is this fact applicable to the so-called Christian nations whose members compose approximately one-third of the total population of the earth; and the statement is particularly true of the English-speaking races, consisting in the main of the British Empire and the United States of America, the Great Pyramid directing as it does a most significant message to the Anglo-Saxons.

This is a truth all the more singular when it

## MIRACLE OF THE AGES

is realized that the Great Pyramid is the most ancient of all buildings now standing relatively intact. The veritable mountain of almost solid masonry was erected slightly less than forty-six centuries ago. For almost four thousand five hundred years of that period the great mass, to the world at large, remained shrouded in the profoundest mystery, the common assumption being that it was merely another tomb built to memorialize the mighty achievements of some vainglorious Pharaoh, as was the case of the thirty-seven other pyramids of Egypt. There existed also numerous conjectures of various forms, and fanciful legends, to account for the presence of the vast pile of stones. But within the past century many of the hitherto unfathomable secrets of the Great Pyramid have been correctly revealed, scientifically and indisputably so, by the diligent efforts of numerous learned and inspired men. The huge mass is no longer the enigma that its near neighbor, the inscrutable Sphinx, remains.

In the clear light of these comparatively recent discoveries and revelations it has been definitely shown, and abundantly proved, that this oldest of standing buildings is a veritable library, written in enduring stone, that it is nothing short of a vast treasure-vault of golden lore, that it is indeed an oracle and a shrine abundantly worthy of our patient examination, earnest consideration and sober veneration. Even now in our present day of enlightenment the hoary heap of rock, despite its antiquity, can be

## MIRACLE OF THE AGES

said, in a sense, to afford us with standard texts devoted to the exact sciences of geometry, trigonometry, and other phases of higher mathematics, to astronomy, metrology, chronology, both Egyptian and Biblical. Moreover in its long and imposing list of prophecies of historical events both sacred and unhallowed covering the great scope from the dim ages of its erection down to this *very hour and beyond*, it speaks with an accuracy that is amazingly uncanny and provocative of unrestrained awe. By way of example, one is dumfounded to learn that the architect of the Great Pyramid gazed far down Time's misty corridors, forty-five centuries beyond his day, and prophesied precisely the recent calamitous World War, the *exact date of its beginning and of its close*. Bewildering as is this fact, he went still further and wrote in stone the augury of the present world-wide economic debacle, the tragic aftermath of the great conflict of nations; and he *tells us the day, month and year that it will end!* Indeed the more one learns of the Great Pyramid the more convinced does one become that it is not inappropriately classified herein when the accolade of "The Miracle of the Ages" is conferred upon it. It is with these facts, and numerous others equally as mystifying, and with their startling import to us of to-day, that these pages principally deal.

## CHAPTER II

### A GREAT LIBRARY IN STONE

THE Great Pyramid of Gizeh, also commonly denominated "The Great Pyramid of Cheops", and often termed merely "The Great Pyramid", stands approximately ten miles west of the old and historic city of Cairo, Egypt, the exact location being that of Latitude  $29^{\circ} 58' 51''$  North, Longitude  $31^{\circ} .09'$  East (Greenwich).

The foundation of the noble edifice rests upon a particularly stable site provided for it by bountiful Nature, and one ideally adaptable to so majestic a structure, namely, the low, solid-rock plateau of Gizeh, a horizontal ledge of limestone and porphyry, situated at the eastern fringe of the Libyan Desert, an arm of the vast Sahara. The Great Pyramid is located quite near the eastern edge of the plateau where the ridge abruptly terminates in a precipice which drops sheer to the floor of the fruitful basin of the Nile.

Identification of the Great Pyramid by means of applying to it a name of its own is rendered necessary by reason of the fact that it is but one of a series of thirty-eight pyramids, all of which were erected during the nine-century period intervening between the dates of B.C. 2700 and B.C. 1800. All of them are located west of the palm-lined Nile, among the flags of which

## MIRACLE OF THE AGES

the cradle of the infant Moses floated prior to its discovery, and his adoption, by a daughter of Pharaoh. There can be little doubt that each of the thirty-seven pyramids which were built subsequent to the Great Pyramid was an attempt at imitation of the mighty, original one. Beginning with the Great Pyramid, furthest north of the lot, the imposing array of buildings extend far southward. Nine of them, of which the subject is one, form a community of pyramids on the plateau of Gizeh, the number being composed of three separate clusters of three monuments each. Of the whole group of thirty-eight only seven are of any real significance as truly great works; the remaining thirty-one are much smaller, and of such very mediocre materials and craftsmanship that they have long since deteriorated and fallen into ruins, their mounds of debris now barely identifiable, in some cases, as once having been pyramids. Of the grand total of thirty-eight buildings the Great Pyramid is still marvelously predominant, just as it has been since the beginning of the grand display. Itemizing here some of the superior features possessed by the Great Pyramid, in its relation to its neighbors, we find that:

- (1) It is the first of the Pyramids to have been built;
- (2) It is the largest, and considerably the loftiest, although the one known as the Second Pyramid, immediately to the southward, at casual glance appears to

## MIRACLE OF THE AGES

be nearly as vast and high, if not more so, due to the fact that its foundation sits somewhat higher upon the rocky terrain;

- (3) The Great Pyramid shows far greater skill in building, and in the perfection of materials used;
- (4) It is the only one that has a square base, and that is constructed entirely of stone;
- (5) It is the only one that possesses in any appreciable degree a geometrical, astronomical, chronological and prophetic significance;
- (6) The Great Pyramid is also much the best preserved, having valiantly weathered forty-six centuries of fierce storms and earthquakes, of sizzling desert sun which in itself is a destructive agent of no mean potency, of numerous barbaric invasions of Egypt, and other ravages of time and history. Magnificently defiant of all the assaults of both elemental nature and destructive man, it still stands as the imperishable Glory of the Libyan Desert.

Authorities upon the true age of the Great Pyramid are not completely in accord about the matter. But it seems quite certain to the careful and thoro student that its erection conceivably could not have begun prior to the year of B.C. 3344 as the extreme limit, the astronomy which is written into the structure, as pointed

## MIRACLE OF THE AGES

out by Davidson, precluding the selection of a date anterior to that as its beginning. Among some scholars the impression prevails that the building began in the year of B.C. 2644, three hundred years prior to the Deluge, which, incidentally, was one of the first events of world-wide importance prophesied by the Great Pyramid's architect. Selection of the date of B.C. 2644 as being the correct one, of the construction of the foundation at least, is a comparatively recent choice, the scholarly Davidson proving quite conclusively that the Great Pyramid itself definitely indicates, by means of what he terms its "designed Entrance Factor", that year as the date of commencement of the building. Many students, however, still cling to the belief that construction began in B.C. 2200, and that the building was completed in either B.C. 2170, or B.C. 2144, in which event a period of from 30 to 56 years was required to finish it. A clearer conception of the antiquity of the great mass, as well as of its amazing workmanship and durability, may be had when it is stated that numerous great cities, and even whole empires, which rose and flourished subsequent to the completion of the Great Pyramid, have long ago collapsed into ruin and physical obscurity so complete that only the prodigious labors of modern archeologists can now uncover evidences of them beneath the soils which have buried them for centuries. Where, for instance, as shown by Siess, are Erech, Accad and Calneh, all in the land of Shinar mentioned by

## MIRACLE OF THE AGES

Moses in Genesis? Where also are Calah, Elasar and Resin of Asshur, likewise noted in the writings of Moses? Where are mighty Nineveh and Babylon, Sodom and Gomorrah? Where are the Homeric cities, especially Troy, upon whose site nine successive cities were built? Where are "the Glory that was Greece", and ancient Rome? Only the tottering ruins of even the latter two remain. The Great Pyramid antedates all of them mentioned here, some of them by centuries, and still stands as an amazingly perfect thing, altho its exterior, in particular, is not now as finished originally.

The first building to ever surpass in height the towering reach of the Great Pyramid was raised well within the memory of many persons now living. Obviously there are numerous edifices now standing in the leading cities of the world that dwarf the Great Pyramid in altitude, some being two to three times as lofty. Yet in some of the finest volumes on this subject, first published a mere sixty years ago, and still read more widely than one might assume, the authors prominently featured the fact that the Pyramid possessed the unique distinction of being the tallest structure ever erected by man. As originally completed the titanic mass rose majestically to the height of 484 feet and 5 inches, the span of the average building of forty stories of to-day. In view of the extreme age of "The Miracle in Stone", this was indeed a noteworthy achievement.

Some few of our present-day buildings also



## MIRACLE OF THE AGES

boast of a greater size than is the case of the Great Pyramid. Those claims are subject to challenge, however, and doubtless successfully so, if the quantity of the mass of materials used in each is employed. Practically all modern structures are *hollow*, consisting mainly of walls and floors, their purpose being that of providing sheltered space for sundry uses. The Great Pyramid, on the other hand, is almost wholly a *solid* mass of masonry, its few hollow passages and chambers, when considered in proportion to its stupendous bulk, being of hardly more consequence in relation thereto than are a few mere worm-borings and small knot-holes to a huge log. Delineating here the vast dimensions of the subject, and a few closely associated facts, it is noted that:

- (1) The square base of the Great Pyramid covers solidly an area of nearly  $13\frac{1}{4}$  acres, each of its four baselines being 760 feet and 11 inches in length, a span of more than  $2\frac{1}{2}$  normal city-blocks of 300 feet each;
- (2) Each of its two base-diagonals is 1076 feet and 1 inch in length;
- (3) Its base-circuit (distance around at foundation) is 3043 feet and 8 inches, nearly two-thirds of one mile;
- (4) In the building, as Edgar cites, are approximately 90 million cubic feet of stone, composed of nearly 2 million 3 hundred thousand individual stones of an average weight of 2 to  $2\frac{1}{2}$  tons

## MIRACLE OF THE AGES

each, the total weight of the mass being 5 million 273 thousand 834 Pyramid tons. In order to the better appreciate the true enormity of the edifice it may be said that it contains sufficient stone to construct a highway 18 feet wide and 1 foot thick from New York to San Francisco, with stone to spare.

In justice to modern engineering science it may be said, however, that there is now in process of construction in the United States of America a mighty work, also of practically solid form, which, when completed, will actually surpass in great bulk that of the chief of the Pyramids. Reference is made to Boulder Dam, now being raised in the upper reaches of the Black Canyon of the Colorado River. It alone, in all probability, will claim the honor of eclipsing the Great Pyramid in mass of materials employed for some years to come. Let us for a moment examine the specifications of Boulder Dam. Its dimensions are:

- (1) Altitude above bedrock, 730 feet, more than one-eight of a mile;
- (2) Thickness at base, 650 feet, approximately one-eight of a mile;
- (3) Thickness at top, 45 feet;
- (4) Length at crest, 1180 feet, nearly one-fourth of a mile;
- (5) In the dam, as a whole mass, inclusive of power-house and appurtenant works, there will be 4 million 400 thousand cubic *yards* of concrete masonry; and,

## MIRACLE OF THE AGES

in addition to that, 60 thousand tons of various metals, mostly steel, will be used in the structure.

Summarizing and comparing the bulk of the two works, it will be noted that as against 90 million cubic feet of stone in the Great Pyramid Boulder Dam will have, exclusive of the metals, 118 million 800 thousand cubic feet of masonry, which will make of the latter in reality a mass of nearly one-third more. Dealt with from all angles other than that of bulk, however, it can be said, without risk of successful contradiction, that even so the Great Pyramid will easily overshadow Boulder Dam, and all other works known to mankind as being the greatest engineering feat to ever grace our earth, a statement of simple fact which will be shown presently.

In geometric form the Great Pyramid is what is called a true pyramid. Its base is a perfect square; each of its four sides are perfect equilateral triangles which slant evenly inward and upward from the base, in the proportion of 10 to 9, and at an angle of slope which measures  $51^{\circ} 51' 14''$ . 3, until they meet at an apex situated squarely perpendicularly over the center of the base where the two base-diagonals intersect. An unique feature of the Great Pyramid is the fact that its cornerstone, which in itself is also a true pyramid in form, is the apex stone, the last stone laid in place. In no other form of building is this the case. The Great Pyramid is distinctive in yet another respect

## MIRACLE OF THE AGES

from all the other Pyramids of Egypt. It is the only one in existence which has what are termed "foundation-sockets", pockets cut into the native rock below the foundation to a depth of eight inches at each of the four base-corners. These foundation-sockets were placed there by the builders to accommodate the corner foundation-stones; and thus they determine at this day, even in the present somewhat ruinous condition of the Pyramid exterior, the exact original corners and exact length of the base sides.

The orientation of the Great Pyramid is superb. The bearings of its base with respect to the true east and west, and north and south, directions is only *five seconds* in error, far and away the most accurately orientated building known to engineering science. This statement, please remember, applies to the foundations of the structure *as of to-day*, forty-six centuries after its erection. There are those who hold that originally it was perfectly orientated, and that the five seconds error now existing has been caused by contraction or expansion of the earth's crust at that point, or by other slippage in the plateau of Gizeh itself, as from earthquakes, which seismography records as not being infrequent, nor lacking in degree of intensity, in the territory contiguous to the Great Pyramid, especially in the Red Sea area, the Holy Land and Asia Minor, all of which lie quite near, and to the eastward. Doctor Siess points out that appreciation of the orientation of the subject is perhaps keener when viewed

## MIRACLE OF THE AGES

from the perspective of comparison with other buildings known to have been notably scientific in construction. Thereby it is discovered that Tycho Brahe's celebrated Uranibourg Observatory was in error in its orientation by *five minutes* as related to only five seconds in the Great Pyramid; that Nebo's famous Babylonian Temple at Borsippa was in error in this respect by *six whole degrees*; and that the ancient Greeks at their best were wrong in determining perfect orientation for their magnificent buildings by *eight degrees*. By exercise of what process, whether mental or physical, or both, the great architect and builders of the Pyramid accomplished this remarkable feat of orientation, without the aid of what to-day are called "precision instruments", is not known. The world devoutly wishes that it were known; but it is one of the many lost arts that were unquestionably in the possession of the very wise old designer of the subject object.

The science of modern astronomy teaches that our common period of time known as the year possesses three different and distinct lengths, depending upon what objects and laws are used in the computations. The first of the trio is that which is termed the *solar year*, a period of 365 days, 5 hours, 48 minutes and 49.7 seconds. Written in decimal form this year length is 365.242242 days. Unbelievable as it may seem, the architect of the Great Pyramid positively knew this exact length of the solar year, even to the tenth part of the second, and

## MIRACLE OF THE AGES

perpetuated the fact in the foundation of his wonder of wonders! Altogether, to our certain knowledge, this truth is shown in at least six places, and by means of four units of length, in the Great Pyramid (See Appendix). Citing but one of the six at this point, it is stated that each of the four baselines of the Pyramid is 9,131.05 Pyramid inches in length. This figure, when divided by 25, the number of Pyramid inches in the ancient Sacred Hebrew Cubit, as proved by no less an authority than the renowned Sir Isaac Newton, gives the quotient of exactly 365.242242, the *precise day-length of the solar year*, at the rate of one Sacred Hebrew Cubit for each day. Further proof that this calculation on the part of the Pyramid architect was not merely accidental is now given. In astronomical classification of time units there is a second period known as the *stellar*, or *sidereal*, year, which is about 20 minutes longer than the solar year. Thirdly, there is yet another year length, called the *orbital* or *anomalous*, year, which in turn is still a few seconds longer than the stellar year. And these two latter year-lengths are also enshrined beyond all possibility of mistake, or coincident, in the foundations of the Great Pyramid! Without the slightest vestige of doubt the Pyramid architect *did know* these astronomical truths!

Now it so happens that present-day astronomers employ a "grand Calendar" in their time measurements, a period that is quite different from the term "light year" seen so often in

## MIRACLE OF THE AGES

astronomical writings, the grand calendar being a vast span known as "The Precession of the Equinoxes." This is a period comprising 25,827.5 years, the time required for our solar system as a unit to make one revolution around its vastly greater sun, the Pleiades. The almost infinitely wise Pyramid architect unquestionably knew the length of The Precession of the Equinoxes also, and boldly wrote it into his shrine in no less than *four* places.

Proceeding along similar scientific paths in our explorations, it can also be unqualifiedly asserted that the same great man knew, and proves each conclusively, the following truths:

- (1) The mean distance from the earth to the sun; (See Appendix.)
- (2) The weight of the earth;
- (3) The mean density of the earth;
- (4) The fact of the sphericity of the earth;
- (5) The polar diameter of the earth, or the exact length of the earth's polar axis of rotation;
- (6) The earth's mean orbit and maximum variation;
- (7) The variation of the earth's ecliptic;
- (8) The earth's mean temperature (by means of the average temperature of the air in the King's Chamber);
- (9) The exact inch, foot, yard, furlong and mile, including the true length of the Standard Geographical Mile, a measure of 2,917.467 + Pyramid Cubits;

## MIRACLE OF THE AGES

- (10) The exact grain, ounce, pound, stone (an English weight of 14 pounds), and ton;
- (11) The standard British (and American) measures of the pint, quart, gallon, bushel and "quarter";
- (12) The art of squaring the circle in theory and in practice; (See Chart I.)
- (13) The art of doubling the cube, likewise in practice as well as in theory;
- (14) The art of that extremely difficult mathematical feat of offering a practical solution to the baffling problem, the quadrature of the circle;
- (15) The direction of the true North;
- (16) The Pi Proportion, Pi being the ratio of the diameter of a circle to its circumference, and Pi being the Greek letter used in mathematics to symbolize said relation. The numerical value of Pi is well known to all, as commonly used, as being 3.14159+. (It is an item of interest to observe that the quantity of Pi was definitely computed in the Sixteenth Century by one Ludolph von Keuler of Holland, a great mathematician, as being the sum of 3.141,592,653,589,793,-238,462,643,383,279,502,884+. He is said to have devoted much of a useful lifetime towards the finding noted, and the discovery was engraved upon his tomb at his death as a lasting tribute to



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him. In the Great Pyramid the same discovery that von Keuler later made was recorded with absolute precision, and was enshrined there 41 centuries before the great Hollander lived.)

- (17) The total land-area of the earth, and how to locate the Great Pyramid in such a manner as to divide said land-area into four equal quarters; and in so doing to thus define both the earth's "master-meridian" of longitude and "master-parallel" of latitude. By the latter statement it is meant that the meridian passing over the Great Pyramid from north to south traverses more miles of land, and less of sea, than any other that can be drawn around the earth at any place; and that the same distinction holds true of a parallel passing over the Pyramid's apex from east to west, or vice versa. (See Chart II.)

## CHAPTER III

### ON THE TRAIL OF MYSTERY AND GENIUS

OUR innate curiosity having long since been fascinated by the foregoing series of challenging facts, perhaps it is not amiss at this juncture to ask some pertinent questions, and exclaim: "But *who* built this marvelous edifice? *Who* was its architect? *Whence* came his supernal wisdom, and *how* came he into possession of it? And how did it happen that the greater part of this astonishing lore lamentably perished from the ken of man shortly after the Great Pyramid was built, and is, for the most part, only *now* coming into our possession after a long lapse of more than four thousand years?"

In reply to the first two of the queries it is frankly conceded that no mortal knows the exact identity of the Great Pyramid's "contractor"; the same holds true of its architect. Whole tomes of great scope have been devoted exclusively to the enthralling pursuit of that genius of deep mystery; unselfish scholars have stintlessly given many years to the quest; but as yet the search has been devoid of fruits of a definite nature. In a volume of the limited length of this one only the gist of that portion of the study can be presented, together with some of the deductions and conclusions prominently allied therewith. Of one meritorious belief we can be quite certain: It is that far back

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in the very dim reaches of mankind's history there was a true Golden Age during which there lived a "race of supermen" whose wisdom and artisanship deeply overshadowed that of any of their progeny, and perhaps of other fellow-humans down to this day, and that of this magnificently cultured stock were the builders of the Great Pyramid.

Quite a number of brilliant men of letters have recently agreed, from the evidences at hand, that there was a close relationship existing between the ancient people who erected each of the following works:

- (1) The Great Pyramid of Gizeh;
- (2) The Druid's mysterious Stonehenge Circle in England, built about B.C. 1680;
- (3) The Round Tower of Ireland;
- (4) The other pyramids, and similar structures, now being explored in Mexico and Central America; and
- (5) Those strange, huge, sculptured monuments found on tiny Easter Island.

If there be sufficient grounds for the foregoing belief, we are faced immediately with yet another very pertinent inquiry: How did these people, far back in the early dawn of history, become diffused into such widely scattered portions of the earth, in a day when, insofar as is known, there were no modes of transportation capable of carrying them across large bodies of water whose crossing is no little menacing even to-day due to the terrific storms, fogs, icebergs,

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and kindred dangers of the elements? Again we are answered by only profound silence; but credence is thus strongly lent to the age-old theory once so firmly espoused by no less a luminary than the immortal Plato, and which persists in amassing unto itself even now an ever-growing list of converts, namely: that the "lost Continent of Atlantis", with its people of a very high degree of civilization, did really once exist; that in some unrecorded cataclysm it was swallowed intact by the inexorable seas; and that some few of its inhabitants escaped to survive for a time, only to be later destroyed themselves, or else to have their sterling qualities absorbed almost to the vanishing point thru mating with peoples of inferior race and attainments. This hypothesis can only be presented at its face value, however, unsupported by concrete evidence for the simple reason that none of a positive nature exists.

Another creditable belief held by numerous authorities, and which appears to be borne out by a great amount of current information, is that the great shrine of Gizeh was planned and constructed in its entirety by those ancient, most proficient and very worthy craftsmen, race and origin not positively known, who are classified as "Operative Freemasons", some of whose learned secrets are retained among the craft of present-day Freemasons. But obviously this is not a matter for dissertation herein; and it is only thus set forth as a theory that is very

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tenable to those who are initiates of the ancient order as extant.

But there remains for us much fertile soil wherein we may delve deeply at will; and that field we shall now explore. By grouping under one heading two of the opinions of the origin of the Great Pyramid, and of its builders, we find that some few students attribute the mighty work to the ancient Chaldeans, others to the Arabic people of that time. But neither of these beliefs is now held by one person out of two hundred among the more fully-informed on the topic. The reasons therefor are many and palpably potent; but cannot be dealt with here because of lack of space. A word might be said regarding one of them, however, namely, the Chaldeans, by citing the well-known example of the great prophet, Daniel, who, when a captive of Nebuchadnezzar at Babylon, clearly showed the lack of genuine ability on the parts of the finest of the Chaldeans in knowledge of the sciences, particularly in astronomy and astrology. Doctor Siess also directs our attention to the fact that to all outward appearances the Chaldean claim is untenable, and brings out the flagrant errors in the very finest work they are known to have accomplished, Nebo's Temple at Borsippa, mentioned elsewhere herein, a building erected twenty-two hundred years *subsequent* to the Great Pyramid, as arguing strongly against their cause. The Arabic theory, despite the eloquence of some of its exponents, is even less defensible than is the Chaldean; and with

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its dismissal from further consideration here the "field of contestants" diminishes rapidly.

Yet another, and a much larger, society of students maintain, and with much more effectiveness, that the designers of the Great Pyramid were undoubtedly native Egyptians of the period; and that the motive behind its erection was that of its later serving as a magnificent tomb for its founder, probably the Pharaoh Cheops of the Fourth Dynasty, also known as Khufu, during whose reign it was supposedly constructed. But, in following that line of examination, if we enter upon it with an open mind and honesty of conclusion, we are confronted at once with some powerful factors of a very contrary nature which are difficult to explain satisfactorily or to steer around successfully. For example, two of the preëminent historians of old, Herodotus and Diodorus, unite in absolute agreement that the remains of Cheops were never buried therein. And, oddly enough, in the whole of the Great Pyramid there is no single trace of hieroglyphics, bas-relief, or other written or pictorial handiwork, such as grace, inside and outside, wherever there is room and suitable background, the thirty-seven other pyramids which *were used as tombs*, that *were built by the native Egyptians*, and whose utter lack of scientific features has already been pointed out. The sole exception to this rule of a lack of markings in the Great Pyramid is found in the "Chambers of Construction", located above the King's Chamber. There the name

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"Khufu" (Cheops) is found written on the backs of a few of the stones. These cartouches have been fully identified, however, as being mere quarry-marks, indicating what is now positively known, that the stones used there came from Khufu's vast pits and quarries east of the Nile in Assouan. Then, too, in *none* of the other pyramids is there found any slightest semblance of an "Ascending Passage", or any "Chambers" in their upward parts, as in the Great Pyramid, the other pyramids having, without exception, only a "Descending Passage" and "Pit" within their interiors and beneath them. Additionally the very able D. Davidson shows a positive engineering proof, *eight definite engineering proofs* in fact, that Cheops' body was never interred in the Great Pyramid—unless by a very, very long chance Cheops happened to have most conveniently died when the edifice had progressed in its building to the point of only the fourteenth tier of masonry, at which time, and *at no other time*, the lower end of the "First Ascending Passage", leading upward from the Descending Passage towards the upper Chambers, with special reference to the King's Chamber, wherein has always rested the *empty* Coffin, was cleverly and hermetically sealed by the insertion of the "Granite Plug" into the passageway. (See Chart V.) This Plug most effectively blocked all entry into the First Ascending Passage until it was tunneled around by one Al Mamoun in the year of A.D. 820, nearly three thousand five hundred years

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after the Great Pyramid's completion. The astronomy of the ancient native Egyptians is known also to have been woefully crude in many respects, compared to that golden art as practiced in the building of the Great Pyramid. Delineating but one example of the Egyptian "astronomy", if the desecration of the superb science is thus permissible, it is found that they pinned some of their most important computations upon the movements of the Dog-Star, one of the most erratic in his voyagings, and among the most undependable in his coursings, of all the wanderers of the celestial spaces. Other proofs of the fallacy of the native Egyptian claims are abundant; but lack of space prohibits the use of any more herein. Sufficient it is that to the truly discriminating student the impression prevails, and constantly grows, the native Egyptians *neither designed nor built* the first and greatest of the Pyramids.

Now the scent of our quarry rapidly grows warmer. We learn from the writings of Herodotus, "the father of history", that he traveled in Egypt in the year of B.C. 445. While there he saw the Great Pyramid, which even in that remote day was considered very ancient, in all of its pristine glory. His curiosity concerning it being greatly intrigued, as becomes the true historian, Herodotus made diligent inquiry about the beautiful monument. In the course of his questioning he encountered one Manetho, an Egyptian High Priest, scholar and historian, with whom he conversed at length thru the



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agency of an interpreter. Manetho informed his distinguished guest that the architect of the huge mass of stone was one "Philiton", or "Suphis", of a people known as the "Hyksos", that is "Shepherd Kings".

According to Manetho the Shepherd Kings were "a people of ignoble race" who came from some unknown land in the mysterious East; they were a nomadic band who numbered not less than 280,000 souls; they brought with them their families and all mobile possessions, including vast flocks of sheep and herds of cattle; and they "had the confidence to invade Egypt, and *subdued it without a battle*". By peaceful penetration, born of some strange power they owned and used, this same people, said Manetho, overthrew the then-reigning Dynasty, stamped out idolatry thruout the land of Egypt by closing the profane temples and the issuance of stern prohibitory edicts, and endeavored to firmly establish in the place thereof the worship of the *One True God*. (Here do we find the remotest date in written history in which mention is made of the One God as worshipped by so many people of to-day, a very important finding to which later reference will be made.)

Eventually the Shepherd Kings, having completed the Great Pyramid, migrated eastward into the land afterwards known as Judea and founded there the city of Salem, which later became Jerusalem, the Holy City. We have the same High Priest and same illustrious historian for authority in stating that "ten years were

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spent by the Hyksos in building preparatory works" of the Great Pyramid, hardly less remarkable and elaborate than the Pyramid itself; that "everything was done on a scale of grand immensity, keeping 100,000 men at work continually, in relays of three months each". Perhaps there may have been a "depression" in Egypt at that time, and the great number of men who were worked in relays represented the ancient counterpart of the activities of our present "C.W.A." It is further related that all during the period of building the Great Pyramid a certain venerable old patriarch of the Hyksos, the mysterious "Philition" undoubtedly, continually grazed his enormous flocks and herds in the immediate vicinity of the vast project, that he manifested the greatest interest in the process of building and was often consulted regarding some feature of it.

Just here it is stated that in the statements of Manetho, himself a proud, native Egyptian, to Herodotus is found still another proof that the Great Pyramid was constructed by people other than Egyptians, an outside race whom the Egyptians found "ignoble". It is known, too, that the Egyptians for centuries held an extreme aversion towards all shepherds and sheep. Undoubtedly they loathed the Shepherd Kings, and carried their detestation to the point where they would have nothing to do with anything pertaining to sheep. They refused, with bitterness, to use at any time either mutton, or mutton-tallow; nor would they allow any wool

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whatsoever to be used in any of their raiment.

Alas, neither Philition, nor Suphis, can be further positively identified. The much sought name of the genius architect, as disclosed by Manetho, means little more, without added light on the subject, than does the name of the "Jack", in the nursery rhyme, who built the house. The only resource now left to us is that of a patient, careful analysis of the information at hand in other writings, its correlation into tangible form, and deductions made therefrom. All of this, however, in its ultimate analysis points a knowing finger to, yes, *specifically and positively identifies the builders as to race*. They were wonderful people who are known to have been of Eastern, or Euphratean, origin, namely, the Adamic people, the white race, and that particular branch of it known as the "Building Race", who definitely were the progenitors of that people later known as Israel, which nation, together with its forbears and descendants, are responsible for the creation of the Holy Bible. This matter will be discussed at some length later herein, for it is a topic to which several volumes could be devoted with great profit to history. But just now a few of the clues will be presented, and the balance left to its proper place as indicated later. First we have the assurance of Manetho to Herodotus, as quoted a page or two back. Secondly, there is the definitely established *fact*, also dealt with more fully later, that the message of the Great Pyramid *in its entirety accords perfectly with*

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that of the Holy Bible as written, from Genesis to the Revelation, inclusive! Just now there is presented four startling truths, by way of example, which, taken as clues and diligently followed thru, are each a link in the chain that ultimately *constitutes overwhelming proof* of the above-stated relationship between the Hyksos and later Israel. These exhibits are:

- (1) The cubic capacity of the Coffin in the King's Chamber of the Great Pyramid is *exactly the same* as that of the famous Ark of the Covenant;
- (2) The Coffin's cubic capacity is also *identical* with that of the Jewish laver, and with that of the lavers, or baths, in the world-famous King Solomon's Temple, dedicated B.C. 1000, more than 1600 years subsequent to the completion of the Great Pyramid;
- (3) The "Golden Sea" of King's Solomon's Temple had a capacity *exactly equal* to the cubic contents of the Coffin times 50;
- (4) Noah's Ark, the dimensions of which are specified in Genesis, had a capacity *identical* with the cubic contents of the Coffin multiplied by 100,000; and the Deluge occurred B.C. 2345-2344, three hundred years after the foundations of the Great Pyramid were laid.

In weighing the facts related above to determine their true values one should bear in mind that during the whole of the period from the

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construction of the Ark by Noah to the completion of King Solomon's Temple the Great Pyramid was *hermetically sealed*. Hence its King's Chamber and Coffin were not open for inspection and copying by later builders. It strongly appears, therefore, that the great standard of capacity-measurement originally shown by the Coffin was well known to successive generations of Israelitish people who passed the knowledge down from father to son in order that its importance might be memorialized in their most famous buildings for a scope of nearly 1350 years after the building of Noah's Ark.

Assuming then that the race of sterling builders whom we seek were the forbears of the Israelites, and thus of Noah, and hence descendants of Adam, let us try to find which of them, if any, are in some way linked with the building of the Great Pyramid. Three of the ancient Bible characters have been nominated for the exalted honor by various writers of prominence. The first offering submitted is Melchizedek, "King of Salem", to whom Abraham paid tithes, and by whom Abraham was blest. (Heb. 7:1-2). In the light of just a little further research into the identity of Melchizedek his selection as the genius sought is rather surprising, and is quickly disposed of, and with finality, by additional reference to the same Seventh Chapter of St. Paul's Epistle to the Hebrews, verses 3 and 10. It is then readily seen that Melchizedek was *never a human*; instead he was, and is, only a spiritual being, an exalted state of God-

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consciousness, the forerunner of the Christ. Thus is one candidate eliminated from the scene as having been the *man* who designed the Great Pyramid.

Another nominee frequently set forth by some is Shem, the eldest son of the wise old Noah, to whom, it has been suggested, his father, after the custom of the time, must have imparted much of his great wisdom and craftsmanship. Colonel Garnier expresses the belief in his excellent treatise that Suphis, whom Manetho named, was probably none other than Shem, and that he and other descendants of Noah were the mysterious Shepherd Kings. Much interesting information and plausible reasoning support's Garnier's contention. Another writer expresses a like belief, and traces Shem's wanderings into Egypt from three to ten years before the building of the Pyramid began in B.C. 2200, this scribe who is now quoted being one of those who accepts that date as being the correct one for the foundation-laying of the structure rather than the earlier date of B.C. 2644. To Shem he attributes also the vast preparatory works, notably the gigantic and masterfully-built causeway over which the stone-materials were transported from the quarries east of the Nile, and part of the ruins of which may still be seen. The statement is also made in the same volume that Philiton-Shem, or Suphis-Shem, spent three years in thoroly checking the strata of the plateau of Gizah, in cutting therein the strange "Trial-Passages", mentioned again

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later; and that a like period was devoted to consecrating the site, before the first stone was laid. Shem, it must be said in all fairness, makes a good nominee, if a student is inclined to accept the building-date of B.C. 2200 as official; but too much of the mist of uncertainty and lack of concrete evidence clings to him to submit him with finality as having actually been the architect.

The third, and to many minds the best, candidate is a truly great character, one very prominently featured in the Old Testament. Reference is made to the grand, old patriarch, Job. A thoro investigation into the life-history of Job, and his attainments, based largely upon his own writings, reveals many illuminating facts about him which make him appear to have qualified for the rôle of Philition in the great drama and pageant of the Pyramid's erection. While not a king himself, insofar as we may be sure, Job certainly was a prince of the blood royal, a son of King Issachar, a descendant of Joktan. Job lived in a period anterior to Abraham, which would link him to the time of the Pyramid's building, he, to the best of our knowledge having lived to an age of either 240 or 248 years. Further proof that Job lived at the correct time to have been Suphis or Philition is brought out by Goguet in his "Origin of Laws", published in Paris in 1758. Basing his astronomical calculations, by means of the Precessional cycle, on the four constellations mentioned in the Book of Job

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(9:9 and 38:31-32), the four being "Kemil, Kesil, Mazzaroth and Ish", and their positions in "the four corners of the heavens", Goguet fixes the epoch of Job's great trial at the hand of God to have been very close to the time of the building of the Great Pyramid. Brinkley of Dublin, independently repeating the calculation, brought forth a date within six years of that established by Goguet. Job undoubtedly came from the mysterious East, since in the Sacred Record it is said of him: "This man was the greatest of all the men of the East." Job was a devout worshipper of the One True God; he loathed all idolatry mightily; he possessed enormous flocks and herds. In his magnificent writings, which to many are the sublimest poetry this sphere has ever known, Job is readily proved a most scholarly man who was very familiar with the arts of mining, metallurgy, building, commerce, natural history, theology astronomy and general science. When one combines with all of this testimony the numerous passages in the Book of Job, which to one informed on the Great Pyramid seem to allude directly and strongly to that object, one finds it hard to escape the conclusion that Job was its builder, or that at least he had a very great and intimate knowledge of it.\*

Whoever the mortal responsible for the creation of the Great Pyramid, he was palpably a

\*The reader is urged to refer to the following verses of the Book of Job: 9:9, 19:24, 26:7 and 13, 28:7-8-9, 37:15-16-18, 38:4-5-6-7-18-19-20-21-31-32-33-36.



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towering intellectual and spiritual giant. For example, whence came his great wisdom in just one of the half-score of sciences with which he was so familiar, that of astronomy? Galileo did not bring forth the wonderful invention of the astronomical telescope until the late day of less than four hundred years ago. Other notable scientific instruments in use by astronomers of to-day came even later than the eye of glass thru which man sees God. In all probability neither Philition, nor his ancestors, ever knew anything of such mechanical aids to the study of the stars. Then, while they tended their flocks at night in semi-arid regions of rarified and very clear atmosphere, did these wanderers who were the Shepherd Kings study the glittering constellations of the far fields of the Universe with but the naked eye, observe their grand courses thru the heavens, record and check the data thus gained minutely and with utmost precision, until they brought forth a superb science that baffles the greatest of to-day in determining how such astonishing facts were acquired in a day so distantly remote? Such might have been the case. Any person who has ever spent a night on a desert of high elevation, in the period of "the dark of the moon", can never forget the increased magnitude, nor the intense, burning luminosity of the gleaming stars in the sable sky. There indeed, if anywhere on earth, do the constellations blaze forth in a spectacular and indescribable glory. But to a student of astronomy it is hardly a plausi-

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ble theory that such a profound knowledge as that of Philition came to its fruition in any such manner, although those conceivably may have been the circumstances which first prompted the adoration of the Creator in the hearts of the esthetic Shepherds, and inspired their quest for more light of understanding.

Could not their supernal knowledge first have come to those guardians of the flocks in the form of inspiration directly from the Inexhaustible Fountainhead of All Wisdom, and the laws have been proved by computation later? God being the Spirit of Supreme Intelligence in whom all wisdom originates and eternally subsists, the architect of the Great Pyramid, thru meditation and cultivation of a high degree of spirituality, perhaps made of himself an instrument of delicate receptivity, much as a radio receiving-set is sensitively attuned to the wave-emanations from the powerful broadcasting station, and thereby intuitively apprehended the many sublime truths that he so faithfully recorded in the magnificently perfect edifice. ( It is a matter of common record that numbers of men of great genius have often said that they *knew* some great truth of which they were the discoverers before they ever turned a hand to *prove* it. Sir Isaac Newton is said to have made such an observation a number of times in his life. Concerning his celebrated Law of Gravitation he is reported to have remarked that it merely came to him as a compelling gleam of inspiration from somewhere; and that while he

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could not *prove* the law before he applied it yet he *knew* it most positively as a profound truth before he made any attempt at application of the principle so discovered. The great Beethoven, stone deaf when he composed much of the sublimest music in history, first literally *heard* the whole of his harmonies thru deep within his mind and soul, *knew* every note of them before one was set in a score; and when they were later written and played, altho the tragic composer heard them not, they made to other ears the wondrous harmony that Beethoven heard and knew in the beginning, directly from the Source of All Harmony. There is nothing in the least unscientific about such a belief in the origin of wisdom, of whatever nature it might be. Just recently, while in Chicago, a great modern scientist and Nobel Prize Winner in Physics in 1927, Doctor Arthur H. Compton, is reported to have said: "Faith in God may be a thoroly scientific attitude, even tho we are unable to establish the correctness of our belief. . . . Science can have no quarrel with a religion which postulates a God to whom men are as His children. . . . Indeed God has placed us in a position to help in furthering His program." Then in saying that God, the Grand Architect of the Universe, was Himself the Architect of the Great Pyramid, thru revelation of His wisdom to man by means of mortal intuitive perception, an assertion both plausible and scientific is being made.

Much of the astonishing lore of the Pyramid

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architect did survive him; and a very great deal of it regrettably did not, at least not in mortal minds of the period. A portion of the mathematical knowledge, quite a portion of it, lived among the cults of the Egyptian Priesthood for hundreds of years. The wisdom the priests thus possessed they jealously preserved and guarded as a profound mystery, later distorted much of it, and true understanding, thru suppression of learning, was eventually, in a great part, lost. To Egypt and its learned priests, however, went numbers of the ancient Greeks centuries after the erection of the Great Pyramid. By dint of skilful questioning, admirable persistency in their quest of life, and patient, painstaking effort, one Greek returned therefrom with a gleam of truth, others with still additional wisdom in astronomy, geometry, philosophy, history. Witness such justly famous personages as Thales, Pythagoras, Plato, Democritus, Euclid, Archimedes, Eratosthenes and Hipparchus all of whom sought and partially found golden learning in Egypt. Thru the noble accomplishments of these worthy men, and others of their contemporaries, much of wisdom was salvaged, tenderly nurtured, preserved and passed on to succeeding generations.

A considerable portion of the art of superb craftsmanship, as applied in the building of the Great Pyramid, likewise was resident for a while in later men. This is proved in one notable instance which occurred more than 1600 years after the building of the first Pyramid.

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Witness the perfection of King Solomon's Temple at Jerusalem, built B.C. 1007 to B.C. 1000. Is it not a reasonable belief that the wondrous art in construction displayed there, second only to that of the object of our study, came down thru successive generations from the time of the Pyramid's building to that of King Hiram of Tyre, and that he caused it to gleam forth anew in the splendor of the famous Temple that stood atop Mt. Moriah?

Passing now into the realm of true understanding of laws spiritual, as known to the Great Pyramid's architect, some of this purest gold also survived among the Priesthood of Egypt. From that source did Moses undoubtedly glean much of the material for certain parts of Genesis, as well as the foundational principles for some of what came to him later inspirationally. Moses is known to have been educated among the Egyptian priesthood, he having been the adopted son of a daughter of Pharaoh; and upon him was showered every early educational advantage. The same perhaps holds true of Abraham, in more or less degree, for he, too, abode in Egypt for a while. Others of the Old Testament characters, who had not the opportunity that Moses and Abraham had for Egyptian instruction, also manifested later a very great spiritual discernment, almost to its fulness, chiefly Isaac, Jacob, Joseph, Elijah, Samuel. And in the persons of Isaiah, Daniel, Ezekiel, Jeremiah and St. John, as shown in his Revelation, we see consecrated

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prophets of God-vision the truth of most of whose auguries has long since been abundantly verified, and which coincide perfectly with, and fulfill exactly, like prophecies written in the Great Pyramid.

## CHAPTER IV

### A JOURNEY TO THE GREAT SHRINE

NUMEROUS travelers of to-day, who have heard something of the wonders of the Great Pyramid in their homelands before setting out on their journeys, are disappointed, even piqued, upon their arrival at the site of the ancient structure of Gizeh plateau, many so much so that they do not take the time, nor make the effort, to venture inside of it wherein lies its greater allure. Such is a result of their not having carried with them a definite knowledge of its uncountable marvels, a prerequisite to enjoyment of it. To the casual observer of this day the gigantic building perhaps is disappointing in appearance; for it conveys to the sight little of genuine esthetic beauty, only its vastness registering upon the senses any great wonderment. It is a source of regret that so many visitors to the spot see only a great mass of sandstone, of which material the building is almost wholly made, in color bordering from a light dun shade to a "burnt orange", slanting sharply upward from the base in a long series of terraces. The building rises nine feet in altitude for each ten feet of length that it sets in from its outer slopes towards its center. With the capable aid of at least two guides, one above to take one's hands and pull, and another below to push, the average person who has a good

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heart can safely scale it to the crest. It is strenuous exercise, however, comparable in a degree with mountain climbing; and the distance to the summit as one tires in ascent seems to some ever-increasingly great.

Once at the top, a kind of platform, like a rough floor, is found, this being about 22 to 24 feet square. Around the edges of this floor stand a number of rough stones against which one may lean, or upon which one may mount, to rest and enjoy the view afforded by the Pyramid's height. The present flat summit results from the fact that the cornerstone which brought the crown of the structure to a sharp apex is long since missing, if indeed it ever were in position. To again provide a clear conception of the true enormity of the building, as viewed from the vantage-point of the top, it can be said that no man lives who can throw a small stone therefrom which, when falling, would clear the base of it. No archer can shoot an arrow from the same position that would fall clear of the foundation; and the mighty "Babe" Ruth, when in his prime, could not have driven a baseball sufficiently far, from the top, to have had it fall clear of the sides.

Descent of the sides is somewhat easier in labor outlay than is the ascent. Quite recently the great amount of debris, mostly drifted sands and rubbish, which had accumulated around the base to considerable depth, has been completely removed, thanks to Mr. Morton Edgar and his unselfish, unremitting work and expense, re-



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vealing the original foundations and foundation-pavement as well as the specific base-dimensions. Lights and steel handrails have also been installed in the stygian darkness of the interior, the course of whose passages is not unlike that of a tortuous cave in a mountain; and steps have been hewn into the slippery stone of the passage-floors. Hence a tour inside is now pleasant and safe, the conveniences recently installed having eliminated the necessity of the abominable torches formerly carried by the guides as well as the need of risk-insurance on life and limb once existent.

As originally completed, however, the Great Pyramid was an object of truly magnificent splendor. Upon the uninspiring sandstone of the present exterior was laid, and firmly cemented thereto, an arris, or casing, of whitest limestone, 100 inches thick. Yet, in proportion to the mass to which it clung this sheath was hardly more than very thin veneer. These huge white blocks of the arris, a few of which are still in place at the foundation-line on the north side, were cut with a remarkable precision that, lamentably, has been a lost art since that time. Sir Flinders Petrie measured them, and their jointing, very minutely and scientifically; and he reported that they meet in seams "of only 1-50th of one inch in width, the variation from a straight line in the cutting of the stones being only 1-100th of one inch in a length of 75 inches, an accuracy equal to modern opticians' straight-edges for such a length!" Precise indeed was

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this jointing of the casing-stones; but in other parts, inside the Pyramid, even more skilfull work was done. The finely polished, rose-pink granite stones of the walls of the King's Chamber, for instance, were actually fitted together with seams measuring only 1-10,000th part of one inch in width, less than the width of a human hair of finest texture!

Equally as provoking of highest praise is the discovery that regardless of the infinitesimal jointing of the blocks of the arris they are cemented together *thruout* the seams. In view of the immensity of the stones and surfaces involved this appears an impossible feat; nevertheless the fact of it is still there for any one to measure, examine as much as one pleases, and to marvel over. Nor is that all; the cement, of so very fine a texture that modern cements can not nearly approach it, is so tenacious in its grip on the stones, even after forty-six centuries of service and exposure to the elements, that the rocks themselves will break and shatter before the cement will loosen its hold!

The beautiful arris covered every square centimeter of all four sides of the Great Pyramid's surface, from foundation to apex; and please remember that each of the four slopes has an area of nearly  $5\frac{1}{2}$  acres, a grand total of nearly 22 acres that were thus marvelously paved. At that stage still not content with their superb art, the builders added a last masterly stroke of purest genius. Working as conscientiously as does a jeweler in preening a brilliant gem for

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display, the champion artisans polished the limestone sheath, this also by some secret process that seems to have perished with them, until the minute joints were *completely* obliterated; and when the desert sun beamed brightly down upon the highly polished surfaces they shone with a dazzling brilliance like that of the huge mirrors of a gigantic heliograph when it is in action. What a sublimely magnificent jewel the Great Pyramid must then have been! (See Chart III.) It is no cause for wonder, therefore, that Job, in what appears to be a direct reference to the ceremony held there at its completion, justly exclaims: "... when the morning stars sang together, and all the sons of God shouted for joy. . . . Grace, grace unto it!"

One may now understand more readily, too, the reference to the Great Pyramid in the sacred Hindoo writings wherein it is called the "golden mountain". The same holds true of the name the Egyptians gave it, that of "Khut", or "Khuti", meaning "The Lights". It is perhaps well worth while at this stage to delve deeper, but briefly, into the etymology of the word "pyramid", and of some of the names intimately associated with the object of this study. This bit of research proves both a fascinating and illuminating pursuit. Siess brings out the point that "pyramid" is derived from the ancient Coptic language, the roots of the word being "pyr"; meaning "division", the same as the word "peres" in Daniel's inter-

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pretation of the handwriting on the wall for King Belshazzar and "met", signifying "ten". Thus "pyr-met" equals "pyramid" and that equals "The division of ten". David Davidson attributes the word "pyramid" to the Grecianized form of the Hebrew words "urim" and "middin", combined into one word. "Urim", he shows, equals "Lights", or "Revelation"—by almost exclusive use "Revelation". "Middin" equals "measures". "Urim" and "middin", passing thru the Phrygian and Greek eventuate into the following, in progressive series: "urim" equals "ur" (Light), then "pur", then "pyr" (Fire), then "pyra" (a plural) which translates "Beacon Fires". "Middin" became "midos", then "mid". Thus, in its final form, "urim-middin" equals "pur-middin" equals "pyra-midos" equals "pyramid", meaning in the ultimate a "Beacon of Reflexions", or a "Monument of Measures". The two Davidson combines into this: "The Metrological or Geometrical Expression of Divine Revelation". Chapman holds that "pyramid" is born of the roots "pyr, am, us", or "pyr, em, us", which interpreted mean "Far Resplendent Fire", or "Far Resplendent Light". The same authority shows the following: "Cheops" (from the roots ak, ze, op) translates "Great Fire Eye". "Khufu" (from the roots feu, ji) means "Fire Ever Existent", or "Light Everlasting". "Suphis" translates into "Fire, Life, Essence", or "Heavenly Light". And finally "Gizeh" (root Jizeh) is

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found to read "The Man of God in Us". Whether viewed singly or as a whole the foregoing are worthy of attention and contemplation; for in the end the Great Pyramid is *all* of the translations noted, as well as a last and excellent one reading "God's Revelation of His Glory". By combining the word "Pyramid" with one of the names of its architect, and the name of the spot upon which it is located, there is also brought forth a truth that is eminently enlightening; please note the following: "The Geometrical Expression of Divine Revelation" (the Pyramid) was built by "Heavenly Light" (Suphis) upon the foundation of "The Man of God in Us" (Gizeh)!

Students of the Great Pyramid often enquire if, insofar as is known, its architect employed a blueprint, and if so what type. Probably some form of a blueprint was used, just as they are used in building activities of to-day. But the only form of plan that is definitely known to have been employed there was one which was hewed into the solid rock of the plateau, near the Pyramid, and which is still in existence, namely, the strange "Trial Passages" which any visitor to the spot may see and examine for himself. These Trial Passages the craftsmen undoubtedly used to guide them in laying out the complete Passage System of their vast Pyramid, for, with the sole exception of the "Well-Shaft", the plans that were cut into the rock prior to beginning of construction of the building proper are an exact model of the Great

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Pyramid's Passage System, being only shorter in length, but of full size in width and height. The length of the Descending Passage in the Trial Passages, for instance, is 66 feet, and of the Ascending Passage 50 feet. In addition to the Trial Passages, the "specifications" of the Great Pyramid are known to exist. They are the specifications of a structure known as "the Standard Pyramid", and are found recorded in the very ancient "Book of the Dead", where they were written centuries before the Great Pyramid was built, old as it is; and the subject object meets those specifications precisely.

The prodigious amount of labor, materials and other expenses involved in the construction of the Great Pyramid were not borne entirely as a mere tribute to beauty. Nor was the building erected solely for the purpose of serving as a "Bible in Stone", altho making it for that noble service would have justified the outlay, tremendous as it must have been, many times over. A third motive for the building, in addition to its perpetuation of the mighty wisdom of its founders, was one of practical, everyday utility of a very great order. Davidson brings out in a splendid way a number of these practical services to the ancient residents of the Nile Valley. The great edifice, by means of its changing shadows under the suns of various noons, falling in distinct outline upon the polished limestone surfaces, indicated with absolute fidelity these facts:

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- (1) That the calendar year then in use began with the Autumnal Equinox, September 23rd;
- (2) That the winter (midway) began November 8th;
- (3) The date of the Winter Solstice to be December 23rd;
- (4) That spring (midway) began February 4th;
- (5) The date of the Vernal Equinox to be March 21st;
- (6) That summer (midway) began May 6th;
- (7) The date of the Summer Solstice to be June 21st;
- (8) That autumn (midway) began August 8th;
- (9) And thence back to the Autumnal Equinox, September 23rd.

The same eminent authority cites, too, that the Pyramid as originally finished served as a mammoth and magnificent sundial; and that it possessed in a remarkable manner all the requirements necessary therefor, namely:

- (1) It was perfectly true in its base-building with respect to the east, west, north and south;
- (2) It had vast bulk;
- (3) It had very great external surfaces, highly polished;
- (4) It was constructed of the very finest materials obtainable;

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- (5) It had extreme accuracy of workmanship.

The Pyramid was designed and constructed to fulfill the purpose of a great sundial in two ways, first, by reflexion of the sunlight, and, secondly, by means of the shadows falling upon its surfaces. Hence the builders chose surface-materials of the best and whitest limestone available, secured from the quarries of Turra and Masara, east of the Nile. It was also essential that the outside slopes, or reflecting surfaces, be finished utterly without seams or visible joints, or other fractures of any nature, necessitating the finest of polishing, and filling of the joints with the astonishing films of cement, in order that the reflexions might be readily transformed into visible effect. All of these features the Great Pyramid possessed, as well as one last prime essential, that of having its site at a place where the atmospheric conditions are the finest in the whole world for the purpose indicated, desert climes ever being well fitted in that respect.

Yet another very practical mission served by the Great Pyramid in an admirable way was that of indicating the extent of the ancient Egyptian *aroura*, which signified a period of four years, this being the ancient correspondent of our modern Leap-Year Cycle. Of this matter Davidson writes: "The area of the four year-circles was transformed into a single square of equal area. This is the Egyptian *aroura* square. Each side of this square was divided into 100



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equal parts, each part being the Egyptian common cubit of 20.63 British inches". The *aroura* was also the standard "Egyptian land-measure for areas", and is plainly indicated in various places in the Great Pyramid, and in three distinct geometric forms, the circle, the oblong and the square. When a square each of the four sides of the *aroura* measured 2063 British inches, or 100 Egyptian cubits. When in rectangular, or oblong, form the *aroura* was 3652.42 Pyramid inches in length by 1162.6 Pyramid inches in width, which are "the respective lengths of the circumference and diameter of the year-circle". From the dimensions of the *aroura* as given here it will be seen that in area it corresponded to approximately  $\frac{2}{3}$  of one modern acre. A further, and very important, use of the *aroura* is that of its extensive employment by the more profound of the students of the Great Pyramid in determining, utterly scientifically, thru the art of *aroura* geometry, the mystical or allegorical symbolism of the venerable structure in relation to its written prophecies, and the absolute proven fulfillment of those many which have already become history.

The sole entrance into the Great Pyramid, as finished by the Hyksos, is on the northern face, about 50 feet up the slope from the base, and exactly 286.1022 inches east of the center of the face. This numerical value of 286.1022, Davidson shows in masterly style, "defines God's Law of Relativity in relation to things spiritual and

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things material". It signifies also the numerical value (286.1022) of what Davidson uses a great deal in his famous computations and writings, and is that which he terms "the Displacement Factor, the Key to the Revelation of the Great Pyramid". On the north face of the Pyramid, as indicated, an oblong doorway is found, measuring  $47\frac{1}{4}$  inches high by  $41\frac{1}{2}$  inches wide. This opening the builders sealed with a *revolving door* that fitted into the *flat surface* so perfectly and very cleverly it was never discovered until after men had first tunnelled into the Pyramid's interior, a herculean task that shall be dealt with later, and which would have been utterly unnecessary if the door the builders placed there could have been found. (See Chart V.)

The doorway opens into a passageway, hereinafter spoken of as Descending Passage, of exactly the same dimensions as the entrance ( $47\frac{1}{4}$  inches by  $41\frac{1}{2}$ ), which continues obliquely downward, at an angle of slope of  $26^{\circ} 18' 9''.7$ , for about 345 feet, then runs horizontally for 30 feet where it enters "The Pit". About  $\frac{1}{3}$  of the way down this long course the bore passes thru the foundation of the Pyramid into the solid rock of the plateau, and thru that for so great a distance that the Pit is situated approximately 100 feet down in the native rock below the base of the monument. In traversing the long passage a person of normal height must stoop uncomfortably, the ceiling being less than four feet above the floor, and step cautiously

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due to the steepness of the incline and the added hazard of the floor being as smooth as glass the entire distance.

The Pit is 553 inches long (46 feet, 1 inch), 325 inches wide (27 feet, 1 inch), and varies in depth from 12 inches to 168 inches (14 feet) in depth. The ceiling of the Pit is perfectly horizontal, the variation in depth resulting from the fact that the floor is very rough and uneven with a deep hole in the center. This cavern is a most repellent place. It is of absolute darkness; neither a ray of sunlight, nor a draught of fresh air, have entered it since it was finished. It is damp from constant seepage from its rocky sides; and it is the abode of countless vermin, is in fact in every way abominable. To all appearances it serves only a symbolic purpose, which will be dealt with later.

Returning to the original entrance of the Pyramid, and again starting downward, a point is reached, 1100 inches from the doorway, where another passage branches off from the Descending Bore. This second passage is known as the Ascending Passage, and proceeds upward at the same angle of slope,  $26^{\circ} 18' 9''.7$ , and is of the same size as the other bore. It continues for 1546 inches (128 feet, 10 inches) to the point of its junction with the "Grand Gallery".

Ignoring the presence of the Grand Gallery for the minute, there is then seen directly ahead, on the same level and extending southward, a horizontal tube of the same dimensions as the two already described. The bore immediately

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ahead is called the "Horizontal Passage", and extends for a distance of 1225 inches (102 feet, 1 inch). For the last  $\frac{1}{7}$  of its length the floor of the passage is dropped 21 inches lower, the ceiling level being unchanged. Thus the bore is 21 inches higher for the last  $\frac{1}{7}$  of its course. This tube leads into a beautiful room known as the "Queen's Chamber", situated on the level of the 25th course of masonry. The Queen's Chamber is 226 inches long (18 feet, 10 inches), 205 inches wide (17 feet, 1 inch), with walls 184 inches high (15 feet, 4 inches) at their first height. There is a gabled, or pointed arch, ceiling which is 245 inches high (20 feet, 5 inches) at the top. In this room the visitor may easily stand upright; and, after having walked in a stooped and cramped position thru the long Descending and Ascending Passages, the relief of being able to stand unbended is delightfully refreshing. The Queen's Chamber is excellently finished in limestone; but it has no furniture or ornament whatsoever. A shallow ledge juts out evenly from the four walls at the level of the top of the entrance; and there is a strange niche cut deeply into the east wall, and which is called the "Great Niche". Two small tubes, only 9 inches square, lead from the room, upwardly inclined, which extend entirely thru the Pyramid to its outer surfaces, much as ventilating-shafts would do. These shafts were only comparatively recently discovered, by Howard Vyse in 1872, the builders having left them concealed by a thin scale of stone, 5 inches thick,

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over each of them, the scales forming a portion of the walls of the room. These two small vents, and the Great Niche in the east wall, each have a strong symbolical significance that is later shown; this fact is also true of nearly all the measurements, in inches, as listed here; hence the care in presenting them, fractions included wherever existent.

Retracing the steps to the triple-junction, for there is no egress from the Queen's Chamber except by the same way that it is entered, the Grand Gallery invites inspection. But, before lifting a foot, watch the step; grave danger impends! There in the floor of the Grand Gallery, just  $33\frac{1}{2}$  inches forward, and a little to the right of the center, is a square hole, rugged, sharp, torn black and yawning hungrily, ready to receive and swallow the unwary! This is the gaping maw of "The Well". Down, down, down thru the masonry, in a very precipitous and tortuous manner the Well drops to the depths. It first leads to a way-station known as "The Grotto", located in the rock just beneath the foundation, then continues downward until it breaks thru the roof of the Descending Passage not far from the Pit. This Well, and its Grotto, also have a compelling symbolism that will be explained in due season.

The floor of the Grand Gallery is a continuation of that of the Ascending Passage, and maintains the same angle of slope. The Gallery itself is a high vaulted chamber of genuine grace and beauty, its walls made of polished

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white limestone. It is 28 feet high, and 7 feet wide at the bottom, its greatest breadth. Each of its two sidewalls have 7 overlapping courses of masonry, and thus is the ceiling reduced to a width of only 42 inches, half that of the floor. In the roof are 36 large blocks of limestone. Along the bottom of each sidewall, set out the space of a foot or so therefrom towards the middle, run for the entire length of the chamber a tier of stones called "the Ramps", or the "Rampstones". The large room continues, still inclined sharply upward, for a distance of 1881 inches (156 feet, 9 inches). But 61 inches before the far end of the Gallery is reached, the wayfarer encounters stiffening resistance from the stones. At that point a large block of rock, 61 inches long, rises sheer from the floor to a height of 36 inches. This rock is termed "The Great Step"; and it truly is just that. Try it, this stepping, not forward, but straight up, one yard in one step.

Once the Great Step is mounted, one stands on the level of the 50th tier of masonry, and is on the same plane as that of the floors of the only remaining chambers, the "Ante-Chamber" and the "King's Chamber". At the south end of the Great Step the Grand Gallery suddenly ends against a wall which leans inward. No longer is there an exquisite hall with a ceiling 28 feet above the floor. Instead in the bottom of the south end wall of the Gallery there is another small, dark bore, only 43 inches high, the lowest ceiling yet encountered in the whole of

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the interior, and 42 inches wide and 52 inches long. This Passage leads directly into the Ante-Chamber.

The Ante-Chamber is  $149\frac{1}{2}$  inches high, 116 inches long and 42 inches wide. Just 14 inches into the Ante-Chamber, measuring from the entrance, there hangs from the ceiling, to which it is securely cemented, what is called the "Granite Leaf", a heavy, double sheet of granite. The bottom of this suspended stone is only 43 inches above the floor. On the south side of the Granite Leaf is found a horse-shoe shaped stone which is 5 inches by 5 inches and exactly 1 Pyramid inch deep. This little stone is denominated "The Boss". For many years the significance of the Boss could not be deciphered, altho it was known that it must bear some important function because of the prominence with which it is featured. But now there is no doubt that the little projection was placed there to indicate the Great Pyramid's *standard unit of measurement*, the Pyramid inch, also to portray the correct length of the unit known as the Ancient Sacred Hebrew Cubit, which is 25 ( $5 \times 5$ ) Pyramid inches, as differentiated from the Egyptian Cubit of 20.63 British Inches, as well as from the Greek and Roman Cubit of 18.24 British inches. The Pyramid inch varies from our common everyday inch (the British inch) by only  $11/10,000$ ths parts, the latter being at fault by that quantity and being the shorter by the minute fraction of an inch shown here. This fractional difference in the two units might better

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be comprehended by stating that 10,000 Pyramid inches equal 10,011 modern British inches. The Pyramid inch, incidentally, is *exactly* 1/500 millionth part of the polar diameter of the earth; and by using the Pyramid inch as a standard astronomical measurements can be made that completely eliminate all fractions from the computations and results. In connection with this it is perhaps permissible to digress a little further for a moment and say that Professor Piazzi Smyth maintained, and doubtless rightly so, that the Pyramid inch was derived from the earth's axis, or semi-axis, of rotation, the distance thru the earth from pole to pole. In British Statute figures this is slightly more than 7899.3 miles, or 500,500,500 inches, as compared with an even 500,000,000 inches, or 20,000,000 cubits, using the standards of the Pyramid inch and the Pyramid, or Ancient Sacred Hebrew, cubit. It is thus seen, too, that the Pyramid inch is really the *only absolutely true standard of measurement the world has ever known!* This results from its being an even fractional part of the earth's polar axis of rotation, which is a perfectly *straight* line, running as it does directly *thru* the earth from pole to pole rather than *around* the earth. The metric system, as a comparison, is based upon the unit of the meter, and the meter is the fractional part of the meridian line that passes thru Paris. That meridian, as with all of them, runs *around* the earth. The earth is a sphere; and hence the meter is the



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fractional part of a circle, making of it an arc in fact rather than a straight line; thus the metric system is not a true standard.

Coming back now to the interior of the Pyramid, where we were when we flew off at a tangent to discuss the Pyramid inch, we discover that at the south end of the Ante-Chamber there begins another, and the last, low passage. It also is only 43 inches high, 42 inches wide, and is 101.7 inches long. This low bore leads southward into the King's Chamber, the most beautiful and wonderful in its construction of all the Pyramid's recesses. There are exactly 100 stones in the walls of the King's Chamber, each of highly polished, rose-pink granite. The room is well ventilated by means of two air-passages, 9 inches square, which run from the walls to the Pyramid's exterior, and which, *unlike* the similar shafts in the Queen's Chamber, were cut entirely thru from the walls to exterior at the time of building the structure. The dimensions of the King's Chamber are as follows: length 412 inches (34 feet, 4 inches), width 206 inches (17 feet, 2 inches), height 230 inches (19 feet, 2 inches). On the floor, not far from the western wall of the room, stands the famous Coffin, the only article of furniture in the whole interior of the Pyramid, an open, lidless, empty chest, cut from one piece of pink granite, brilliantly polished and as sonorous as a silver bell. For many years people believed the Coffin to have been the coffin, or a receptacle for the

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coffin of the Pharaoh of that day (Cheops); but this is now positively known to have been an erroneous belief. The Coffin is 7 feet, 6 inches long, 3 feet, 3 inches wide, and 3 feet, 5 inches deep. The sides of it are 6 inches thick and the bottom 7 inches thru. Above the level ceiling of the King's Chamber are 5 Construction Chambers, the largest of which is 24 feet long, 32 inches high, and 26½ inches wide. These Construction Vaults were made in their present location and design by the builders for the purpose of supporting the enormous weight of the structure above them and thus to prevent the flat ceiling of the King's Chamber from being crushed inward and downward. The five Chambers of Construction were sealed up by the builders, and remained so until discovered by N. Davison in 1756, and explored by Vyse in 1837.

The sincere belief prevails among some students that there is yet another Chamber within the Great Pyramid, as yet wholly undiscovered despite the thoro and oft-repeated exploration of the building. Such an opinion was espoused by Siess, for example, who stated that he felt the "missing Chamber" would one day be found; and he ventured the statement that when it was located the floor of it would be on the plane of the 75th course of masonry.

Edgar cites additional interesting facts regarding the Passage-System of the Pyramid, namely: that all of its chambers run longer

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from east to west than from north to south; that in every case the entrance to the chamber is to the extreme east side of the north wall, even in the Grotto; and that each chamber lies in the same vertical plane.

## CHAPTER V

### EXPLORING FOR TREASURE

UPON its completion by the builders the Great Pyramid, insofar as history records the event, remained hermetically sealed for a period of nearly three thousand five hundred years. Not until the date of A.D. 820 was the great stone shrine entered. At that time one Al Mamoun, Caliph of Bagdad, and son of Haroun Al Raschid of "Arabian Nights" fame, set out upon a journey to the Pyramid with the avowed purpose of opening it. Friends and romancers at his court had led him to believe the ancient edifice was filled with treasures so precious as to be inestimable in their value, gold, silver, jewels, lapis lazuli and other charms uncountable.

First carefully examining the outside of the great mountain of wisdom in stone, especially the north face where legend said that an entrance could be found, and finding no opening into the building, due to the great cleverness with which the entrance had been sealed at the time of building, Mamoun and his host of workmen decided to tunnel into the treasure-vault. They began work on the north side, a short distance from the foundation, and drove their bore southward. Due to the crude tools that they possessed, and ignorant of the valiant resistance the magnificent masonry would offer, the

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task proved a stupendous one. They hewed, they hacked, they toiled, they cursed; but the stones yielded very, very slowly. A number of times the worn workers rebelled, and, but for the lashes of their master and his stern commands to continue, the effort would have been ingloriously abandoned. Fanatical zeal and greed for greater riches made of Mamoun more and more of a tyrant; his will was in no sense relaxed; the slow and arduous labor continued. At length by sheer dint of almost superhuman labor the hand-cut excavation was forced onward for about 1300 feet. Still everything to the sides of them, and in front of them, was solid stone. Again revolt smouldered in the ranks; and the hitherto inflexible resolve of the Caliph himself wavered greatly. Work was on the very verge of being definitely suspended.

Then destiny played a trump card. Just as the last stroke of a mallet fell upon a single blunted chisel in the tunnel, the laborer wielding the tools heard a stone fall in some open space not far ahead, and decidedly to the eastward of the course they had been pursuing. Zest for terrific exertion was instantly reanimated. The excited Mohammedans upon hearing the report of their fellow poured into the bore again, hewing frenziedly in the direction of the sound of the slipping stone. They drove their tube about 25 feet further, and suddenly broke into the Descending Passage at the point where the Ascending Passage enters it. They learned that the sound the laborer had heard when the skies

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were darkest resulted from the fall into the Descending Passage of a triangular block of stone, which had, until it fell, concealed the mouth of the Ascending Passage, revealing now for the first time that there was an upwardly inclined bore there.

But now more trouble was encountered. They found that the Ascending Passage was completely and tightly sealed by what is called "The Granite Plug", consisting of three granite stones with a total length of 180 inches. While some of the laborers vigorously assaulted the granite portcullis others pushed down the long Descending Passage to the Pit; still others went up the passage, and there discovered the door they had so vainly sought from the outside. But soon all returned empty-handed and disappointed. Thus far they had found nothing whatsoever in the way of the riches they had expected, and a share of which each man had been promised. Joining those who were working at the mouth of the Ascending Passage, all were incited to feverish activity. Time after time they drove their inferior instruments against the Granite Plug. But the stone did not yield. It was impossible to remove it. It remains there in fact to this day, securely blocking the passage as a cork does a bottleneck. Mamoun was still undaunted, however. He ordered his men to assault the softer sandstone around the portcullis. This they did, blasting as well as hewing. The sandstone yielded slowly but surely;

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anon they had tunnelled around the stubborn Plug.

But even then more prodigious labor awaited them; their quarry was not easy of pursuit at any stage of the chase. The whole Ascending Passage, to their great dismay, was filled with large, loose stones. When one was removed the next, beneath the weight of those above, slid down into the place of the first. One by one the heavy stones were extracted; one by one they were carried out of the long tunnel the searchers had driven, and dropped to earth in a heap. Finally the last block was removed. A great shout went up; praises of Allah were on every tongue. Nothing, they believed, now stood between them and their vast treasure. Torches blazing, stooping, kneeling and crawling, because of the low ceiling of the Ascending Passage, but in exultant joy, the men ascended. Up they went to the Grand Gallery. One or two stopped to examine and peer closely into the Well. Testing the inclination of the latter, they dropped stones into it; the echoes rang hollow and empty; there was no treasure there. Into the Queen's Chamber the men forged. It, too, after a thoro search, proved as devoid of material wealth as it is to-day. Up the Grand Gallery, searching eagerly on every side, and beneath the low-hanging stones, into the Ante-Chamber, they went. Still the promised riches eluded them. Beneath the last, low-suspended stones they crawled, coming out into the beautiful King's Chamber. There they espied the

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great granite Coffers; the marauders rushed forward triumphantly. There, they were positive, lay the treasures they sought; there, no doubt, was a golden coffin, jewels, coins, a hoard of priceless value.

Alas, the Coffer was empty! Altho the Caliph and his men knew it not, the great cask had always been vacant. No royal mummy in burial trappings of great value had ever occupied the Coffer. The whole of the King's Chamber was empty, too; and there were no rooms left to explore. The entire Pyramid had yielded no slightest vestige of the reward faithfully promised the men by their ruler. Had the Arabs but known it, they were even then standing in the very heart of one of the greatest treasure-vaults on earth, an intellectual and spiritual Bonanza utterly beyond all price in its golden values. But the Arabs wished wealth that would glitter in their hands. It had been assured them; and Al Mamoun could not now deliver it. The men glared evilly at Mamoun, and mutinied forthwith. The Caliph, regardless of his exalted station as their ruler, was in dire jeopardy; and he realized it keenly. Earnestly and desperately he plead for just one more day in which to fulfill his pledges. After much bickering and dispute among themselves the crew granted the one day of grace requested. That night under cover of darkness, while his weary men slept soundly, Mamoun, who was very rich, carried, with the aid of a few trusted officers, many gold coins to a spot adjacent to the Pyramid and



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buried them securely. Next day he confronted his men and in his grandiose manner announced that in a vision during the night Allah had revealed to him where the wealth that they had been seeking really lay. The men dug at the spot directed by the Caliph, and soon uncovered the cache of gold. Joyfully they counted and divided it while the facile Mamoun praised Allah mightily because He, many centuries before, had placed in that spot, in gold coin that was now genuine Arabian money, an amount that was exactly equal to the sum due the crew of men for their several weeks of toil, and in the wage scale prevalent at the time of their labors!

At the time of Al Mamoun's forced entry into the Great Pyramid the building still was covered with its limestone arris. Shortly thereafter, and during the next few generations, the outside of the structure was woefully desecrated and almost wholly stripped of its casing. A considerable quantity of the 100-inches-thick blocks was transported to Cairo, to be used in the erection of mosques and other buildings; many more of the stones were burned to secure the lime that they contained. As a consequence of these long continued depredations only about a score of the casing-blocks now remain on the Pyramid *in situ*. They are to be found at the foundation-line on the north side. No doubt even those few would not have been left undisturbed had not the sands drifted deeply over them, concealing them from the view of

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marauders and causing the task of excavating them to be too great for commercial gain. What a fortuitous circumstance it is for us of to-day that those few stones were overlooked; for thru the study of them much of a very practical nature has been learned concerning the amazing masonic perfection of the Pyramid and its utilitarian purposes.

Since the time of Al Mamoun travelers to the Great Pyramid have used his tunnel to enter the building rather than face the difficult alternative of climbing higher up the north slope to the original entrance. For centuries after the Caliph's forced entry but comparatively few persons went into the structure. Numerous superstitions, calculated to inspire fear in the hearts of those natives and occasional travelers who contemplated a visit within, clung to it. It was, for instance, reported to be the abode of many poisonous reptiles, and haunted by evil spirits. Even so great, observant, appreciative and speculative a traveler as Sir John Mandeville, who spent 33 years wandering thru the East, and who visited Egypt and the Great Pyramid about the year of 1350, wrote that he was afraid to enter the building because of the report that it was full of serpents. There was an occasional person, however, who bore the courage to brave the superstitions, since there are yet to be seen in certain museums a few erroneous and vulgar records of supposed trips within by wandering Arabs of later days. But the first author of modern times to bring forth

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something of an authentic nature regarding the Great Pyramid's interior was Mr. John Greaves, Professor of Astronomy at Oxford, who visited it about 1637. In 1646 Greaves published his famous "Pyramidographia", in which he gave the results of his laborious observations, measurements and computations. He was shortly followed by other travelers and explorers of several nations, mostly English, Dutch, French, German and Italian men. Particular honor and credit is due, however, after Greaves to Nathaniel Davison and those notables following him, Taylor, Vyse, Garnier, Smyth, Petrie, and in our own day the great Davidson of Leeds.

Much of the Great Pyramid's wisdom is written in the language of symbolism; and henceforward symbolism, and its interpretation, will occupy much of this volume. As a starting point in this phase of the study let us note again that the Pyramid is constructed entirely of stone. In the language of symbolism rock has always signified the Living God; and the Bible teaches that the Word must be "carved in stone", and "stand in the rock forever". Each of the different kinds of rock also carries its message; and in the further study of the Great Pyramid it is well to bear in mind that sandstone represents things earthly, limestone the human, and granite the Divine.

The geometric figures chiefly employed in the Great Pyramid are the square, the triangle and the circle. The base of the building is, as we

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have seen, a square. In symbology the square is a perfect figure, the emblem of the Universe, the number four (from the four sides) typifying the natural, the human, the earthly. The square likewise signifies man's four-fold nature of body, mind, soul and spirit. Each of the four faces of the Pyramid is a triangle a three-sided figure, which, when upright with its apex dissolving in a blaze of light, is ever the symbol of the Divine. The triangle also is the sign of the Trinity, the Three-in-One, the Father, Son and Holy Ghost. Again the triangle symbolizes the three basic elements, air, water and fire; it speaks also of man, woman and child, and of perfected man in his three-fold nature of mind, soul and unfolding spirit. The circle is always the symbol of perfection, speaks of the heavenly, the eternal, the whole, the Indivisible One, God. Summarizing the three geometric figures noted above, and combining them as they are arranged in the Great Pyramid we find that:

- (1) The square (4) and the triangle (3) total 7, the number of perfection, typifying the perfect man;
- (2) The triangle erected upon the square shows the union of the human (the square) with the Divine (the triangle), or the elevation of matter to spirit;
- (3) The altitude of the Great Pyramid in its proportion to one side of its base, by which process the circle is squared, symbolizes the rise of the natural man (the square) to perfection (the circle).

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The Great Pyramid treats extensively also of the science of numbers and numerical symbolism. To briefly cite some outstanding examples of this phase of the building, let us delve for a few minutes into the prominence accorded the three mystic numbers, namely the three, five and seven, the numbers of Israel, and which are also dealt with in Freemasonry. In the Queen's Chamber, for example, the mystic five is accented thus:

- (1) The Queen's Chamber (floor plane) is situated on the level of the 25th ( $5 \times 5$ ) tier of masonry;
- (2) All measures in this recess, so often termed also the Jews' Chamber, answer to a single standard, that of the Ancient, Sacred Hebrew Cubit of 25 ( $5 \times 5$ ) Pyramid inches;
- (3) The Great Niche in the east wall of the room is 15 feet ( $3 \times 5$ ) high;
- (4) The Great Niche is composed of 5 strongly marked stories, the top story of which is 25 inches ( $5 \times 5$ ) in width; (Note that this distance is also one Ancient, Sacred Hebrew Cubit);
- (5) The top story of the Great Niche is 25 inches ( $5 \times 5$ ) removed from the perpendicular center of the wall into which it is deeply cut (yet again the length of the Ancient, Sacred Hebrew Cubit).

The mystic seven is also featured in the Queen's Chamber as follows:

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- (1) The Chamber is a 7-sided room (counting the floor, and properly allowing the gabled roof to count as two sides);
- (2) The last  $1/7$  of the Horizontal Passage leading into the recess is sunken  $1/7$  lower than the remaining  $6/7$ , and, when measured, the last  $1/7$  of the bore is 21 inches ( $3 \times 7$ ) lower than the balance of the passage.

Among the many other places in the Great Pyramid where the mystic five is set out prominently we find these:

- (1) The King's Chamber (floor plane) is situated on the 50th ( $2 \times 5 \times 5$ ) course of masonry;
- (2) The 35th ( $7 \times 5$ ) tier of stones is of a very unusual height;
- (3) The King's Chamber is a 5-sided room (counting ceiling);
- (4) The walls of the King's Chamber contain exactly 100 ( $4 \times 5 \times 5$ ) stones;
- (5) Each of the 4 side walls of the King's Chamber has 25 ( $5 \times 5$ ) stones, arrange in 5 tiers of 5 blocks each;
- (6) There are 5 Construction Chambers directly above the ceiling of the King's Chamber;
- (7) In the King's Chamber the base-line of the lowest course of stones in each of the 4 walls is just 5 inches below the floor-plane;
- (8) Deducting the 5 inches that each of the 4 walls is set below the floor-level, the

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area of the first tier of stones in each wall is just 50 ( $2 \times 5 \times 5$ ) times the cubic contents of the Coffin; \*

- (9) The Coffin itself has 5 solid external sides (counting the bottom).

The mystic seven is also shown in numerous other places in the Great Pyramid. A few of them are:

- (1) The length of the base (one side of the square base) is exactly 7 times the length of the Grand Gallery;
- (2) The Grand Gallery is just 7 times as high as the passage which leads to it (Ascending Passage);
- (3) There are 7 overlapping tiers of stones in each the east and west walls of the Grand Gallery;
- (4) The altitude of the Pyramid is  $7/11$  of the length of each side of the base;
- (5) The Pyramid makes a direct and grand reference to the constellation of Pleiades (brought out later), a group consisting of 7 stars.

While dealing with the mystic seven, and since later the close relation of the Great Pyramid and the Bible will be discussed, it is perhaps well to point out a few places in the Bible where the number "seven" is prominent. They are:

- (1) The Creation of the earth, and all on it and in it, occurred in 7 days; God "worked" 6 days and "rested" 1;

(\* Note how frequently the Ancient, Sacred Hebrew Cubit is indicated in the King's Chamber, too.)

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- (2) There are 7 days in the week of Israel, as in our own, both of which are patterned after the "Grand Week of God", 6 days for labor and 1 for rest;
- (3) Israel under the Mosaic Laws tilled their lands in 7-year cycles; for 6 successive years the soil was cultivated, and on the 7th it lay idle;
- (4) In the early days of the Church of Jesus Christ there were Seven Churches in Asia, often denominated the "Seven Churches of Scripture", to whom St. John the Divine dedicated his remarkable vision of the Revelation, and to whom St. Paul addressed some of his Epistles while a prisoner at Rome;
- (5) The Book of Revelation is filled with uses of the mystic seven. To cite merely a few we find that there were "Seven spirits before His throne", that St. John saw "seven golden candlesticks", that the angel "had in his right hand seven stars". The three foregoing references are found in the First Chapter of the Book; there are many others, the Book featuring probably not less than one hundred "sevens".

The Queen's Chamber in yet other places sets forth the mystic five, and at the same time and in the same measurements indicates specifically a relation to the Pi proportion. They are:



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- (1) The height of the Great Niche in the east wall multiplied by 10 ( $2 \times 5$ ) times Pi gives the altitude of the Great Pyramid;
- (2) The Great Niche, in its depth to its long, inner shelf, times 10 ( $2 \times 5$ ) times Pi results in the length of each of the four basesides of the Pyramid;
- (3) The square root of 10 ( $2 \times 5$ ) times the height of one of the Queen's Chamber end walls, and that result divided by the height of the Great Niche, gives the quotient of Pi.

## CHAPTER VI

### AN ORACLE NEVER FAILING

**I**N order to decipher the secrets of the Great Pyramid's bewildering chronology and closely correlated prophecies, both of which are written in the language of mathematics, one must have a *starting-point*, and a *key* that will unlock the sealed door of wisdom. Fortunately for us of to-day, both the place of beginning of the dated record and the long-sought master-key have been found. Abundant scientific tests have been made with the two of them, and the many prophecies absolutely verified, as to their designation of important events, with astounding accuracy. The Great Pyramid's starting-point for writing in prophecy the grand pageant of human destiny, strangely enough, does not exist in a physical way; instead it can be located only by the application of geometry, that revered mother of sciences, to the problem. Rather than detracting in the slightest amount from the true greatness of the fact of locating the point of beginning, necessary resort to geometry makes of it a gem all the more scintillating.

The place is readily found in the following manner: Draw a straight, dotted line down the original casing-stones on the north face of the Great Pyramid, at an angle of slope identical with that of the north side, for a distance of 1157 inches beyond and below the base-corner.

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Then from the floor-plane of the Ascending Passage draw another, straight, dotted line, at the same angle of incline as that of the Passage-floor, far down into the rock of the plateau of Gizeh below the Pyramid, until it bisects the first line drawn. There, where the two lines meet nearly 100 feet down in the native stone, is thus located what is termed the "Zero-Year Point" of the Adamic race, or Building race, the beginning-date-point of both the Great Pyramid's chronology and that of the Bible, the Zero-Year Point being the date of B.C. 4000.

Now that the Zero-Year Point is definitely established, the key to the door of knowledge, as written in the Great Pyramid, is vital to further progress. Elsewhere herein mention was made of the strange, little horseshoe-shaped stone that is found on the Granite Leaf in the Ante-Chamber. It was also shown that this Boss was exactly one Pyramid inch in thickness. By utilization of that splendid, standard unit of measurement, the Pyramid inch, as the key sought, and measuring from the Zero-Year Point up the *second* dotted line drawn in the diagram, which is a continuation of the floor-level of the Ascending Passage, and using the scale of one Pyramid inch for one year, the enigma of the ages is solved! Then do the hidden mysteries of both the Great Pyramid and the Bible chronology and prophecy become as an open book; they emerge from the darkness that enshrouded them for centuries to truly glisten with a ra-

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diance as of the sunlight of noonday! (See Chart V.)

It is now a matter of widely-diffused knowledge that the Great Pyramid is thus a graphic Chart of the Ages; and that, as Edgar explains, it plainly indicates the "Divine Plan of the Ages", just as faithfully and with as much precision as does the Holy Bible to those who possess the key to its proper interpretation. The Divine Plan of the Ages began, of course, with Adam and Eve and the Garden of Eden at the Zero-Year Point of B.C. 4000. They were created on the "Plane of Human Perfection", Adam alone sharing with Jesus the ability to keep the Perfect Law of God. After Adam, and the Fall of Man brought about by Adam's yielding to the temptation of the Serpent, the next Epoch of importance was that of Enoch at the date of approximately B.C. 3000. Continuing our measurements upward along the line indicated, it is seen that the Epoch of Noah and the Deluge were exactly prophesied in the Great Pyramid as scheduled to occur in the years of B.C. 2345-2344. It is a well-established fact that the Deluge *did* occur *exactly as and when presaged*. For the benefit of the reader it is fitting to remark here, in connection with the oft-disputed occurrence of the Flood, that D. Davidson proves conclusively that a very great flood and earth-disturbance, a cataclysm of the first magnitude, did happen at the time stated here; that the calamity is definitely known to have centered about the region of what is now

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eastern Turkestan, Tibet and southern China, in the latter territory especially affecting the region drained by the mighty Hwang-ho; and that a historical record of the event is *written* in ancient chronicles of the reign of one King Yaou (B.C. 2356-2254). The Flood began in late October of B.C. 2345 and receded in the spring of the following year of B.C. 2344, probably about March. The anniversary of the event, unknown to many people who participate in the festivities annually, is faithfully observed yet each year on the occasion of Hallowe'en, or All Saints' Day. The First Dispensation, the world that was from Adam to the termination of the Deluge, covered a period of 1656 years; and from the Zero-Year Point of the Great Pyramid to the prophecy of the Flood, at the rate of an inch per year the distance is definitely 1656 Pyramid inches.

In a like manner it is discovered that it is exactly as many inches from the Zero-Year Point to the foundation-line of the Great Pyramid as there were years from Adam to the Call of Abraham, an exact and astonishing prophecy of that great event. Thus do we observe that the mighty building's foundation rests upon an ideal base, the spiritual fact of mankind's first successful reapproachment to God after the Fall of Man.

From the Zero-Year Point to the junction of the Ascending Passage with the Descending Passage is exactly as many inches as there were years between Adam and the Exodus under the

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leadership of Moses, a span of 2520 inches and 2520 years. Thus is that great fact of history also prophesied with absolute fidelity by the Great Pyramid. In the same fashion does one see the limits of the Patriarchal Age exactly defined, a period of 659 years, beginning with the Call of Abraham, continuing thru the time of Isaac and the renewal of the Covenant, the days of Jacob and Joseph, and terminating with the Exodus. It is also highly symbolical and enlightening to perceive that the very first *upward* passage in the Pyramid begins exactly with the leadership of Moses over Israel; for Moses was the Law-giver, and thru those Laws did all of his people find access to God, the first truly great upward, spiritual stride made by a whole people, or nation.

Moreover the distance in inches from the Zero-Year Point to the entrance to the Grand Gallery is exactly the same in number as the years from Adam to Jesus, the Christ. Thus was definitely augured, 2644 years prior to the Birth of Jesus at Bethlehem, the exact date of His Birth. Thus is also shown in stone, in the beginning and ending of the Ascending Passage, the limits of the Jewish Age, of the efficacy among men of the Law of Moses, a steady, upward, spiritual advance which culminated in the Advent of Jesus, who was the fleshly fulfillment of the Law, and of the ancient Messianic prophecies. Thruout its course of 1546 inches, symbolic of a period of 1546 years, the Ascending Passage is of the uniform height of only

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47¼ inches. Hence the whole bore is low, narrow, dark and steep. One must ascend it laboriously, stooped, cramped and uncomfortable, much as if one were bearing a heavy burden on the back up a steep slope. In that wise does the Passage powerfully symbolize the difficulty experienced in seeking justification under the Mosaic Law; and the bore is variously referred to, in the language of Pyramid students, as the Path of the Law of the Covenant, the Dispensation of the Law, the Way of Humanity under the Yoke of the Law, and the Hall of Truth in Darkness.

Previously it has been pointed out that a Granite Plug seals the lower end, or entrance, to the Ascending Passage, and that in Pyramid symbology granite signifies a thing, or things, Divine. In the light of that knowledge the Granite Plug, at first observation, seems to be out of order in the course of things spiritual. But closer application to the matter, and comparison of the symbolism with the Scriptures, reveals that the Plug is very much *in* its proper place. Then it is seen that the prominent portcullis signifies the Divine Law, or the Perfect Law of God, the Christ's ransom price for men thru His sacrifice; it also shows the absolute necessity of Divine Intervention into the affairs of mankind, thru which alone one may pass into the Ascending Passage and Upper Chambers which lead to life abundant and immortality. Israel, the nation, little realized that it was impossible for "fallen flesh" to obey Divine Law;

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and that the way was effectively blocked by the Granite Plug of Christ who brought the Perfect Law. (Heb. 10:4 and Rom. 7:10.)

The Descending Passage and the Pit likewise vividly portray startling truths in their symbolism. The long, low bore that inclines so sharply downward in its course symbolizes Christ's coming from heaven (Perfection) down to earth (imperfection), or from Canaan (heaven) to Egypt (earth); and shows His descent from spiritual form down to human form, and His return to Spiritual Glory after His resurrection. The Descending Passage is also plainly the way of the merely human, or animal man, when *unspiritualized*, and is named variously as follows: The "Way of Adamic Condemnation and Death," the "Route of Rebellion", the "Downward Course of the Present Evil World". All of these lead to destruction in the Pit of Chaos, or Gehenna. Gehenna is that condition of utter destruction, of death from which there is no awakening, just as Hades is that condition of death from which there is awakening. One may now understand the known loathsomeness of the Pit, its position 100 feet or so down in the rock below the Pyramid foundation, its state of absolute darkness, its lack of all ventilation, its dampness and vermin, its fetid odors and other abominations.

From the Descending Passage upward to higher levels there are but two routes available. The Ascending Passage is obviously the logical way to proceed upward. But it is sealed by the



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Granite Plug. Then only the way of the Well remains. But an examination of the Well-shaft reveals immediately that it is very narrow, jagged, vertical for the most part. Thus is shown the impossibility of anyone ascending that route from the Way of Rebellion to the higher planes of Human Perfection and Spirit Rebirth, or even as high as the Plane of Justification, except by faith.

In leaving the Ascending Passage one enters the beautiful Grand Gallery. The roof overhead suddenly lifts from a height of slightly less than 4 feet to approximately 28 feet. For the first time in the Great Pyramid's Passage-system one may stand uprightly, and walk in that manner as is taught by the symbol of the plumb, a builder's tool. This point, the beginning of the Grand Gallery, marks the birth of Jesus Christ at the date upon which He was actually born, that of October 6th, B.C. 4, and not on December 25th as celebrated in the Christian nations. We have previously seen how this sublime event was prophesied by the Pyramid builders 2644 years in advance of its happening; and to that statement is added another that at the time of the Pyramid's erection prophecies of the Birth of a Messiah were already at least 2,000 years old, and written in the ancient "Book of the Dead".

In addition to foretelling the exact date of the Advent, the Great Pyramid actually *indicated Bethlehem as His place of Birth!* Again, however, the factor of Bethlehem is shown only

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by geometry, the language of God; and the same theorem positively shows also the exact point where Moses would lead his people out of Egypt at the crossing of the Red Sea, practically 1100 years after the Pyramid's erection! The two points, Bethlehem and the place of crossing the Red Sea at Exodus, are determined in this wise: Use the parallel of latitude on which the Great Pyramid stands as the base-line of a right-angled triangle. Then draw a straight line from the Pyramid to the city of Bethlehem, this line serving as the hypotenuse of the said right-angled triangle. It is then discovered that the angle which is formed at the Pyramid, where the two lines meet, measures exactly  $26^{\circ} 18' 9''.7$ , which is precisely the same angle of slope of all the Great Pyramid's inclined passages. Not only does this angle thus indicate Bethlehem as the birthplace of the Messiah, but the hypotenuse line which extends from the Pyramid to Bethlehem crosses the Red Sea at the place where Moses and his people crossed over in the Exodus! Nor is that quite all. The actual distance between the Pyramid and Bethlehem, as measured along this hypotenuse-line, and expressed in Pyramid earth-commensurable units of measure, *agrees absolutely* with the period of years between the erection of the Great Pyramid and the birth of the "Son of Man" in Bethlehem of Judea!

There is yet another prophecy of the Advent of Jesus Christ in the Great Pyramid, one of an entirely different nature, that is most start-

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ling and spectacular; and which appears to have been put there by the architect with a view towards forever dispelling any slight doubt of the accuracy of his prognostications, which were from On High, or the cry on the parts of the skeptical that the verifications as they exist are merely coincidental. To view this astonishing wonder, it is necessary that one refer again to the original entrance to the Pyramid, which is also the mouth of the Descending Passage. Beginning there at the doorway, and measuring down the Descending Passage for 475 inches, one finds a very pronounced *scored-line* cut deeply into either sidewall of the bore. The presence of this line at that point was unknown for a long time. Then some one suggested to Professor Piazzzi Smyth that if the Ascending Passage really did signify the "Way of the Law", and the Grand Gallery the "Christian Dispensation", as Smyth maintained, there should be found somewhere within the Great Pyramid a *mark* of positive proof of the fact. Smyth, who was then at the Pyramid in the course of his years of study of it, immediately acted upon the thought. Beginning at the north end of the Grand Gallery, which also is the south end of the Ascending Passage, Smyth carefully measured down the Ascending Passage again, then up the Descending Passage towards the entrance; and found the scored-line for the first time. To his utter amazement, Smyth discovered that the number of inches from the scored-line to the entrance to the

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Grand Gallery (where the birth of Jesus, as already shown, is indicated) prophesied yet once more the Birth of Jesus! Thus was plainly shown another positive proof of the architect's foreknowledge of the Advent. Nor is that all of the importance attached to the scored-line. It is now a well-known astronomical fact that at midnight of September 21st (the Autumnal Equinox) B.C. 2144 the giant star Alpha Draconis, the Dragon Star, or Demon Star, shone directly down the long Descending Passage just as it would have done into the tube of a telescope located at the same position and angle. At that same hour if another telescope had been placed at the scored-line, and had been trained upon the heavens at the same angle as that of the scored-line, the vast and mighty star, Tauru, or Alycone, of the constellation of Pleiades, would have been focused therein perfectly.

Now Alpha Draconis is the Devil Star, the "Evil One" of the celestial wanderers, of greater baleful influence than Mars. The fact that he leered down the Descending Passage at the time noted signified that mankind of that day was under an evil influence. But the truth that Alycone shone down upon the Great Pyramid at the point of the scored-line at the same time tells another and a far-different story. Alycone of Pleiades is the sun of the earth's sun. As all life on this sphere is dependent upon the rays from our sun, just so is our sun in its turn dependent utterly upon its greater sun, the Pleiades. Alycone, then, is the seat of the Power

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of our solar system, and is often termed "the happy, celestial sun", or "the Seat of God Almighty". Insofar as we of this earth are concerned in our everyday lives, Alecyone is the "Throne of God". Now is it not strange that the two stars, Alpha Draconis and Alecyone, one of which is the Evil One of the heavens and the other the God-Star, were so prominently featured at the time designated? Thus did the architect of the Great Pyramid write in still another language, that of astronomy, his knowledge of the whole destiny of men, from man's very lowest and most evil estate to his highest and sublimest existence as a son of God, to which exalted station all will be elevated eventually thru the Christ.

There is another quite astonishing thing connected with the fact of the stars Alpha Draconis and Alecyone, and their relation as it existed at the time shown above. Those two stars will *never again* be in the positions they were then, relative to each other, until a period of 25,827.5 years, which is the span of the Precession of the Equinoxes, shall have gone by! Thus the famous scored-line serves a magnificent *triple purpose*, namely: it confirms again the prophecy of the Birth of the Messiah; it indicates still again the architect's knowledge of the Precession of the Equinoxes; it offers still another positive proof that the Zero-Year Point of both the Great Pyramid and the Bible are correctly established as shown.

## CHAPTER VII

### MORE LIGHT ON A MAGNIFICENT VISION

THE crucifixion and resurrection of Jesus Christ were also presaged with uncanny exactness in the Great Pyramid. Just 33½ inches (the number of years that Jesus lived) forward, in the floor of the Grand Gallery, measuring from its entrance, is the black, wide-open mouth of the Well. This symbolizes in a potent way the descent into the death-state (Hades) into which Jesus went in His ransom sacrifice at 33½ years of age. (Isa. 53:12) Attention was once before called to the ragged, jagged, torn sides of the mouth of the Well. Examination of it makes it appear much as if some mighty explosive force had been used to thrust violently upward, and blast out, the stone that once covered the Well, pieces of which stone, shattered and broken, still cling to the edges of the hole. This powerfully portrays the Resurrection of Jesus, and shows as well the tremendous spiritual force that He generated within Himself prior to expiring and which He used with such great effectiveness in raising Himself from the dead. The Grotto in the Well-shaft is the symbol of Hades, where Jesus abode for three days between His death and resurrection, the Well at its mouth his triumph over dissolution. The Well signifies, additionally, the sudden drop into the Hell-state

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by those who, climbing up, refuse to accept the Atonement of Christ.

Jesus, it will be noted, was not born on the "Plane of Condemnation and Death", as represented by the Descending Passage, but rather on the "Plane of Human Perfection". (Heb. 7:26) Yet Jesus was born under the Law. (Gal. 4:4) Paradoxical as this may seem, it is not a Bible nor Pyramid contradiction. The foregoing being a true statement of fact, the Great Pyramid, to prophesy correctly, would have to indicate Jesus' birth somewhere *in* the Ascending Passage, as well as at its end where the Grand Gallery begins. It happens that the Pyramid does do the very thing necessary to show this fact, and does it by a very ingenious, yet clear and simple, fashion. It is this: The Queen's Chamber symbolizes, and is located upon, the "Plane of Human Perfection". If the plane of the Queen's Chamber floor is extended northward until it touches the floor of the Ascending Passage, the point of contact will be on the "Plane of Human Perfection", will also be *in* the end of the Ascending Passage, and at the very same time will indicate the birth of Jesus at the beginning of the Grand Gallery. Again does resort to geometry prove this fact; and in no other way can it be shown to be true. Thus is brought out, too, the age-old axiom of geometers that "much of truth can be concentrated into a single point".

A brief investigation into the life of Jesus, based upon Bible and Pyramid chronology and

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prophecy, shows the following facts about His career upon earth:

- (1) That He was born in Bethlehem of Judea, October 6th, B.C. 4 (Julian);
- (2) That He was baptised by St. John, the Baptist, at 30 years of age, the date being October 3rd, A.D. 27;
- (3) That His ministry extended over a period of  $2\frac{1}{2}$  years (to be exact the period was 918 days, 1 hour);
- (4) And that His Crucifixion occurred on Friday, April 7th, A.D. 30 (Julian).

It is a strange fact, yet it is not a strange fact, for in Truth there is nothing odd, that the length of Jesus' ministry in days, 918 days and 1 hour, is closely linked with the same number in its relation to other Biblical events. For example, from Adam to Exodus was a span of 918,050 days. At 1,000 days per unit that period was also 918 days and 1 hour in length. Again we learn that from the "breaking" of Ephraim (Isa. 7:8) to the breaking of Judah was exactly 918 and 1-24th years. Allowing one day to equal one year, that period is also just 918 days and 1 hour, again the length of the ministry of Jesus. All of these, incidently, fulfill Daniel's prophecy of "69 weeks" to the day. Hence we note that the figure of 918 and 1-24th is prominently featured in both the Bible and the Pyramid.

The Queen's Chamber, in the language of Pyramid symbology delineates three important facts which are fully corroborated by the Bible.



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First, the room typifies the fate of the Jews. Exit from the recess is had only by retracing the steps thru the Horizontal Passage and *emerging via the same route by which one entered*. This shows that those who did not accept their Messiah are "bottled up" within the Chamber. If they should emerge, and in the end *they shall*, they can climb no higher without passing thru the Grand Gallery. And the Gallery representing as it does the Church of Jesus Christ, the Jew can proceed no further in spiritual ascent without accepting Him whom they rejected. It was pointed out elsewhere herein that there were "scales" over the mouths of the air-passages in the Queen's Chamber, as finished by the builders, and that these were broken thru by Howard Vyse in 1872. Prior to that time the air in the room was unchanged and foul; now the air circulates thru freely. Is there any more powerful symbolism to be shown than the fact that the seals that were over the air-passages portray what St. Paul calls "the scales over the eyes of the Jew", that prevented him from accepting the Christ because of his blindness? Thus is indicated that the great architect of the Pyramid knew, too, the fact that was to come with the time of Jesus, that some would accept Him and carry on His Church while some would reject and scorn and crucify Him because of the scales of blindness over their eyes. The third purpose served by the Queen's Chamber in its symbolism is that of indicating life as it is on the "Plane of Human

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Perfection", as it will be at the end of the Millennial Age of Christ's reign of one thousand years of peace on earth, a blessed state of being in which everlasting life will be a *possibility* for all, but not a certainty for all. (See Chart VI.)

In dealing with the Grand Gallery it is best to bear in mind constantly that it portrays the history of Jesus Christ's Church, and that the Gallery is spoken of by Pyramid students under several names. It is called "The Christian Dispensation", "The Dispensation of Grace", "The Walk of the Spirit-Begotten", and "The Hall of Truth in Light". When dwelling upon the last of these names it is well to compare it with one of the terms used to designate the Ascending Passage, that of the "Hall of Truth in Darkness". Under the Law Truth was but feebly illuminated, as if from the flame of a candle; but under the Christ Truth shone forth in all the radiant glory of its fulness, as if under the warmth and brightness of the meridian sun. In a like manner the Grand Gallery typifies the fulfillment of the plan of salvation as written in the Scriptures. In this connection it is of great interest to observe carefully again the Rampstones that line the base of the east and west walls of the long hall for its full length. The stones are about one foot wide and one foot high. Examining them closely one sees that they are all cut with miniature, symbolic graves, *every one of which is open!* Moreover, right beside each of the miniature, open graves is a neatly cut stone set *vertically* in the wall where-

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as the balance of the stones in the walls are set horizontally. The vertical stones are a symbol of standing uprightly, and proclaim as strongly as words ever could do that the tenant of each of the open graves is risen! There are 8 times 7 (56) of these empty graves. In the symbolism of numbers eight is the number of resurrection and new life, while seven is the number of dispensational fulness. In all of this does one who has an understanding heart see plainly the hope of resurrection of the saints, abundantly taught in the Bible.

In addition to writing the history of the Church of Jesus Christ, the Grand Gallery prophesies much of profane history that is closely linked with the sacred. All of these recorded events are written in two ways, one of which indicates the date or dates of the occurrence, the other showing either strength or weakness of the thing typified. Where the stones that line the walls of the hall at or near the base are sound, firm, unbroken strength is obviously shown; where they are broken and deeply scarred weakness is stressed. The dates of the events are found from continuing the measurements up the floor of the Gallery, with the scale of an inch per year still prevailing, just as heretofore. On these bases one starts to examine the stones. It is noted that the first 400 inches of the way the blocks are firm and sound as pearls, thus showing that the first four hundred years of the Church, despite the great persecution of the powers at Rome and else-

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where, such as Jerusalem, for example, were progressive and of vigorous growth. Just after the year 400 A.D., however the stones suddenly become badly scarred and broken. Such stones were *purposely* used there by the builders to fulfill prophecies in symbolism; they had access to sound and perfect stones in abundance, and could as easily have used them as the imperfect ones. Looking into profane history immediately following A.D. 400, it is seen that at that time the ferocious Alaric, the Visigoth, first of "the barbarians of the North", and his savage hordes overran European civilization, sacked Rome and made of it their free booty. Alaric was closely followed by other conquering, frightfully-destructive tribes, some of whom penetrated into northern Africa after scourging southwestern Europe mercilessly. The whole period of the barbaric invasions, with their consequent great debilitation of the Church that almost obliterated it from the continent, is marked in the same manner. Then for a very short space the quality of the stones is somewhat improved. But again, at the measure of 622 inches, the blocks of limestone become deeply whorled and indicate obvious weakness in the Church. At 640 inches their condition is especially poor, and the state of them shows but little improvement until 732 inches, the year of A.D. 732, is reached. What does history show as having occurred during that period of 110 years, and inches of measurement, that might have seriously affected the Church? The year

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of A.D. 622 marks the date of the Hegira. Out of Mecca swept a hurricane of Islamic fury that proved utterly irresistible for a century and ten years. Within a very few years Mohammed's zeal had reached very great proportions. Jerusalem had fallen, all of Asia Minor was doomed, and Mohammed had seized Constantinople across the Bosphorus in Europe proper. A perusal of the history of the Church at Rome at the date of A.D. 640 sheds still additional light on the great weakness of the stones shown there; for in that year the Papacy conferred lordly privileges and investments upon the clergy, a deplorable right that was long continued to the very great injury of the Church. And so the debility is definitely indicated right on down to A.D. 732. In that year, on the day of October 10th, at Tours, in west, central France, Charles Martel forever blasted the hopes of Islam in the battle that saved Christianity from what appeared certain doom. Passing on now to a point 1,000 inches up the Grand Gallery, the stones, from there for the space of 185 inches forward, are in the very worst condition of all; in fact they are in extremely bad shape up to 1300 inches, indicating the year of A.D. 1300. But from 1185 to 1300 there is a gradual and constant improvement, although it is just perceptible. In the span of three centuries, from A.D. 1000 to A.D. 1300, the Church reached its most ruinous condition, history shows in verification of what the Pyramid architect prophesied would be the case. Eastern

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and Western factions of the Church sprang up, and quarreled bitterly with each other. Each excommunicated the other, and brought about a lamentable schism that still exists, the division of the Church into the Greek Orthodox and the Roman Catholic branches. That era of three hundred years also contains the age of Hildebrand, the mighty, and the corrupt, and his establishment of absolute Cæsarism over the Church. The barely-observable improvement in the marking of the stones at the point of A.D. 1185, and which grows very slowly better, indicates the lingering dawn of the gigantic movement that history terms the Reformation, the rebirth of enlightenment. By the beginning of the Fifteenth Century the Reformation was moving forward strongly and unquenchably, climaxing about A.D. 1586. That era was the age of Wickliffe, Huss, Luther, Gerson, Thomas a Kempis, and others who did so much for the cause of the Reformation. And it is startling to perceive that the Great Pyramid so powerfully indicates in its symbolism the fulfillment of its own recorded prophecies a denouement verified by history, covering the period of corruption in the Church, its many tragic struggles, and the process of its purification which culminated successfully.

The point of the north face, or edge, of the Great Step, that rises abruptly from the floor of the Grand Gallery to a height of one yard, is reached at the year of A.D. 1844, that number of inches from the entrance to the Gallery.

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Here, in the fact that the Great Step is exactly 36 inches in height, does one find the remotest date in history where our everyday measure of one yard is enshrined. The Great Step, as the sound nomenclature itself implies fully, tells in masterful symbolism of a terrific quickening, a tremendous step upward on the part of humanity at that time. This we know to have been the case. In the year of A.D. 1844, to cite one specific case that is intimately connected with the Church, the Mohammedans, under the leadership of Turkey, were compelled by the Western Powers, notably England, to grant religious toleration to all within their borders to those who were Christians as well as to those of other faiths. Now by the process of peering into the history of the everyday appliances and aids to more comfortable and better living as we have them to-day it is found that almost the whole lot of the discoveries and inventions in common usage have come into existence since the year of 1844. Therein is seen verification abundant of the fact that there was a great upward step taken by humanity at that time, just as prophesied. Then was born among men what is known as the "Mechanical Age". Inventive science began to flourish as the green bay tree. The greatest educational advantages and opportunities the world had ever known were abundantly offered, beginning then, and knowledge was very widely disseminated. To all outward appearances, think many, the people of the earth *should* have enjoyed an era of the greatest

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genuine prosperity and lasting happiness ever afforded them or any of their kind. Such really should have been the case, and surely *would have been*, if it had not been for one very tragic omission. The human family had taken a great stride upward only intellectually, and positively did *not* simultaneously *advance spiritually*. The vitally important spiritual portion of their beings was left lying dormant, woefully neglected and peacefully slumbering while they pressed onward with a mighty surge. This sad fact the architect of the Great Pyramid knew would be the case also; and he wrote it into the symbolism of the Great Step with the same unerring precision that has been found all the way along in this study. Please note this: the top of the Great Step, and the upper portion of the north face of it, are very badly crumbled and in a state of decay and extreme debility that are appalling to the senses when the significance of the tragic message is fully comprehended. Let us remember especially here that the Great Step is located *in* the Grand Gallery; and that as a consequence thereof we are still studying the teaching of Jesus Christ as kept by His flock. The deplorable state of the top, and upper, outer portions of the Great Step indicates what then? Simply that human achievement and behavior down to that time had fallen greatly short of the perfection outlined by the Master. In fact Jesus answered the question for us long ago when here on earth. His poignant reply is found written in the Scriptures. Reference is



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made to the entire 24th Chapter of St. Matthew, with especial emphasis, possibly, upon verses 21 and 37. As recorded there, Jesus was looking ahead down the tragic centuries to the "Time of the End", the time of the Great Step, and beyond, and envisioned clearly what would come to mankind. Overwhelmingly sorrowful because of the picture he inwardly saw, he gave the answer. The reader is urged to read the reference for himself, and to really think about it, candidly and fearlessly.

If we are truly honest with ourselves as we view the history of man since the time of 1844, and as we compare it with the life-giving beatitudes that Jesus taught, we find sufficient verification, and to spare, that human activities have definitely traversed the paths of which Jesus spoke, and which the architect of the Great Pyramid showed would be followed by man. The builders of the subject object easily could have found a perfect stone out of which to cut the Great Step; but their use of a thoroly sound block would not have written a correct symbolism. The Great Step positively has not been worn into its present condition by the feet of the many people who have clambered over it; nor has it become so thru the action of the elements, or any other agency. It was so chosen by the builders to portray the near-collapse of the tenets of the Master in the hearts and minds of men *en masse*.

At A.D. 1844 the wayfarer in the Great Pyramid steps up. He is then standing on top of the

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Great Step, with insecure footing beneath him, and is on the same floor-plane as that of the Ante-Chamber and King's Chamber, as well as that of the other passages down to the end of the passage-system. At the point of the north edge of the Great Step the architect of the Great Pyramid very clearly expanded his scale for the balance of the interior works in order that he might bring forth in greater clarity the details of the crucial period. The extent to which the scale was increased is that of twelve times over that formerly in effect. Hence from the edge of the Great Step onward a new scale of measurements must prevail in the survey that of *one inch to one month* rather than an inch to the year as heretofore. Moving forward, soon it is seen that the roof of the beautiful Grand Gallery is suddenly dropped right down, without any hesitation about the act, the hall itself terminating abruptly, being sheared straight off. One ponders that fact carefully, and finds in it still further symbolic evidence of what is known to have been so, namely, that at that stage humanity had withdrawn itself from the principles of the Nazarene. Where the Gallery ends in a great wall of massive, towering strength the eye follows its downward course. At the bottom of the wall, which is the south end of the Gallery, there is seen a black hole which marks the beginning of the Low Passage. As previously seen, the ceiling of that bore is only 43 inches above the floor, the lowest tube yet encountered. Depending upon the height of the person

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entering there, one must either drop down to hands and knees and crawl thru, or else stoop until nearly folded up like a closed jack-knife and slowly creep thru in that fashion. In whatever stance one goes thru the bore there is a constant awareness of one uncomfortable fact, that a huge and low-hung stone is resting directly upon the shoulders and back. It is much the same as if one were actually bearing upon the back a very heaven burden; and one wonders if that might be the symbolism of the tube, that of signifying a terrific burden upon the back of humanity, beneath which, greatly humbled, it must creep forward in pain and sorrow. Let us measure along the floor from the outer edge of the Great Step to the exact point where the Low Passage begins, and see what is discovered.

To the astonishment of many it is found that the date indicated with precision at the mouth of the low bore is that of August 4-5th, 1914, the exact date of the outbreak of the calamitous World War (England's Entry)! What an awful load was that event upon the aching backs of civilization; what sorrow and woe was diffused among men along with that orgy of ruthless, licensed killing. At the south end of the Low Passage, where it terminates in the Ante-Chamber, the measuring-rod is again applied, and the date computed for the close of the tube. Again it is found that the prophecies of the Great Pyramid are positively infallible; for the date shown there is that of November 9-10th, 1918, the ending of the World War! On

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November 9th, 1918, the Kaiser abdicated his throne; on November 10th, 1918, he fled to Holland, to find sanctuary there. Thus is dispelled all doubt concerning the meaning of the symbolism encountered in the Low Passage; thus are the limits of the World War clearly defined in the Great Pyramid's prophecy that was written there approximately 4550 years in advance of the occurrence of the event among men.

The horrible carnage of the World War resulted, in its ultimate analysis, from the fact that humanity failed to take a Great Step upward spiritually that corresponded with its intellectual and mechanical advances. When blest with more and ever more learning, more and infinitely better inventions and aids to progress, both of which should have been tremendous boons to civilization, man in his greed, speaking collectively as nations, cornered the increment that should have accrued unto all mankind. The power that should have gone into constructive works was turned into destructive channels. Trade-barriers were erected to prevent free intercourse between peoples; commercial rivalries sprang up apace; and with the latter there came the squandering of prodigious sums upon competitive armaments. Greed, hatred, suspicion and fear reigned in the hearts and minds of men. The incident of the assassination of the Austrian Archduke at Sarajevo on June 28, 1914, gave to the nations the puny excuse they had sought for the strife. The War was on! Within approximately fifty-two months hundreds of billions of dollars were poured into

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commerce to purchase the wherewithal to slaughter nearly ten million men, and to maim and render at least partially dependent, and incapable of serving again a useful purpose in society, two or three times as many more.

Now let us line up the culprit nations for identification. Almost thirty countries participated in the World War; and of the lot all *except two* were "Christian Nations", so-called. Two of them some of the good people of Christian countries term "heathen nations". Nevertheless when final computation is made the result is that there was a mere *one* "heathen country" which entered the Great War to each *fourteen* who professed to be followers of the Redeemer.

Does this tragic record of human activities have even any slightest appearance of man's having faithfully kept the commandments the Savior gave into his charge? Jesus was the Prince of Peace, the Greatest Exponent of "peace on earth, good will towards men". His way was that of His immortal words that follow:

"Forgive us (Father) our trespasses as we forgive them that trespass against us".

"Forgive as you would be forgiven".

"Forgive your enemies".

"Do unto others as you would have them do unto you".

"Love thy neighbor as thyself".

"Love, and hate not".

"A new commandment I give you, that ye love one another".

## CHAPTER VIII

### SHEPHERD KINGS AND ANGLO-SAXONS

**I**N the preceding chapter hereof it was pointed out that the Great Pyramid, in its prophecy of the outbreak of the World War, specified boldly the dates of *England's entry* into the maelstrom, and *not that of any other* of the nations participating therein. That predominant fact is in no sense merely and purely coincidental, as will be shown presently. A little further back in the same chapter it was noted, too, that the Great Step, in its vertical height from the floor of the Grand Gallery, measures, in Pyramid inches, exactly one yard. In numerous other places herein are delineated other startling similarities between things of the ancient Hyksos and those used in this modern day by the Anglo-Saxon people, Americans as well as British. Our present complete system of *linear measures*, beginning at the small end of the scale with the British Statute inch, which is so very, very close to being *identical* in its entirety with that of the magnificent Building race of early times, is but one of them. For instance, it was set forth also that our modern system of *capacity-measures*, and of *weights*, are indicated *as we now have them* in the great shrine of Gizeh plateau which was hermetically sealed for centuries. Is there not ample food for an abundance of thought in these facts? It has

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been shown also that the Hyksos possessed certain traits of character which agree perfectly with those that have been constantly manifested by the Anglo-Saxon ever since there has been a *revival* \* of the record of his activities as a whole people. The Anglo-Saxon is the energetic, intelligent, Divinely-restless wanderer of the bloods, the great colonizer, the master developer, the pre-eminent builder to whom half the earth owes its present civilization. And, strangely, it is the Anglo-Saxon who has far outstripped other peoples in surveying the Great Pyramid, in *first* apprehending the fact that the ancient oracle bears a scientific message, in *first* determining that in it lay enshrined a glorious Revelation, and in *first* deciphering and correctly interpreting that Divine Wisdom. In fact, when all the evidence is amassed, and there is a great hoard of it available, and analyzed and weighed, it is a definitely established truth to informed and discerning minds that the Anglo-Saxon (the people of the British Empire and the United States of America) *is the direct blood-descendant of the mighty Hyksos!*

Numerous volumes, and for the most part

(\*The word "revival" is stressed to differentiate between the history of the Anglo-Saxon as known in medieval and modern times under that name and his history in ancient times under the nomenclature of Hyksos, and later, Israel; for those two channels can be added to the later and be definitely and positively traced as having been the same people as the modern Anglo-Saxon. By Israel, as used here, Judah is not meant or inferred. While all Jews are Israelites, all Israelites are *not* Jews by any means.

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very excellent ones, have been written which set forth proofs abundant that the relationship between the great ancient people and the great modern people is a true one. In this brief work only a few of the many exhibits can be cited, ones intimately associated with certain other features that are being set forth; but a sufficient number are given to put the earnest seeker upon the path of a most fascinating and illuminating line of thought and study.

One of the first startling exhibits to command the attention closely is that which Davidson brings out so clearly, namely: that the American Revolution was definitely prophesied in the Great Pyramid in a manner still to be studied and verified, again thru the science of geometry, as specifically relates to that phase of it in the Pyramid study known as the "Displacement" geometry. Two epoch-making events of the American Revolution are positively indicated in this manner with respect to their actual dates of occurrence. They are: (1) The issuance of that "powder-keg of the Rebellion", that "Spirit of the Revolution", Thomas Paine's *inspired* medium, "Common Sense", on the date of January 10, 1776; (2) The Declaration of Independence under date of July 4, 1776.

Of the two historical incidents, the *first* noted here is accorded far the greater prominence in Great Pyramid prophecy. To many the pronounced distinction, at first blush, probably will seem a queer one. But it has required a century and a half for the American people to dis-



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cover the *true merit* of the great Thomas Paine in his relation to the Colonies having conducted a *successful* Revolution against the Mother-Country. Only now are the facts of the tremendous importance of the part played by Paine therein coming to light of day in their true perspective. Certainly the staunch patriot, Paine, should be, and no doubt one day he will be, set upon a station exalted equally in rank with that of the great Washington, and above Franklin, Morris, Jefferson, Adams and others of the era, as having been the men who really accomplished the most in liberating the American Colonies from England. Washington was a most able general and statesman; but his leadership in those two arts was only half of what was essential to victory. The other half of the science of waging a successful war lies in sustaining the *morale* of both the combatants, and non-combatants who are at home, to a point of supreme, unquenchable ardor for the cause. Therein lay much of the value of the fiery, eloquent, inspired, immortal Paine.

While dealing with the period of the Revolution let us undrape here another lucid evidence, taken from the archives of the heraldry of the United States of America, and which came forth at the same period of travail in our history, that is of compelling significance. Reference is made to the Great Seal (reverse side) of the United States of America, a sketch of which is displayed herein. At the time that the design for this Great Seal was conceived and

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executed in the mind of a good American, please remember, nothing whatever, of any real consequence, was known to any mortal of the prophetic or scientific features of the Great Pyramid, or of its display of evidence that the American people, thru the Anglo-Saxon relationship, are the posterity of the Hyksos. Yet in the design of that Great Seal, which was a radiant flash of *inspiration* from the Infinite, although doubtlessly unwittingly so to the designer, is vividly depicted the fact of the above-noted kinship of which we have so recently become conscious. The Great Seal has for its leading feature a Pyramid, at the base of which is written in Roman numerals the date of 1776. Above the *unfinished* Pyramid is poised its *missing* apex-stone, which in this case is a triangle, and an *illuminated triangle* at that, with its apex dissolving in a blaze of light. That eternal symbol, as has been observed previously, signifies a thing Divine. In the heart of the triangle is an open eye, the "All-Seeing Eye" of a Most Beneficent Providence Who in Profound Tenderness eternally watches over the welfare and destiny of our great nation. Some license prevailing in the interpretation of the two mottoes on the Great Seal, the golden inscriptions read: "Annu't Coeptis" equals "He (God) has favored our undertakings", or "He (God) has prospered our beginning"; "Novus Ordo Seclorum" equals "A *mighty order of the ages lives anew*", or "An *ancient order is born again*". The latter of the two mottoes and its

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translation is particularly enlightening in its weighty contribution to the establishment of the point being treated. (See Chart VII.)

But the paramount factor of the Great Seal as shown here, with respect to this study, is that the Pyramid which is shown thereon is very distinctly an *unfinished* Pyramid whose apex, or cornerstone, is *missing*, and the *substitution* therefor in the design of a headstone that is not a physical thing at all, but rather a *Divinely Illuminated Spiritual Stone* which very becomingly adorns and graces the structure it thus completes *when lowered into place*. One of the remarkable connections existing in that fact is this the Great Pyramid of Gizeh was also left *unfinished* by those who erected it, due to an *error of the builders*. Its capstone, or apex, was *never* placed into position for the simple reason that because of the builders' error it would not fit when the time came to place it; and, the architect's plan demanding as it did a *perfect stone* for the headstone, one that was likewise a true pyramid in geometric form, no attempt at *substitution* of an imperfect block was attempted. These facts of the erection of the Great Pyramid and the builders' error are definitely, positively established, for the mistake of the builders is *easily traceable* in the construction as it exists to-day, and has from the time of erection.

Thus is forged in a marvelous manner one golden link in the chain which binds the present Anglo-Saxon in indisputable relationship

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to the wise and venturesome Shepherd Kings of old. But of far greater basic importance to all men is another discovery of kindred nature, a gem of supernal wisdom which gleams forth from the exhibit cited like a lone planet thru a small rift in the storm-clouds that obscure all else on a dismal night. It is this: both the Great Pyramid and the Great Seal of the United States of America enblazon in the understanding mind the sublime *allegory of the builders' error* in that mystical "house not built with hands, eternal in the heavens," as featured very prominently in the Holy Bible, the Great Light, in numerous places, Jesus, the Christ being the "Stone that the builders rejected". Witness now some of the signed and sealed testimony of the God-Head as found in the Holy Writ:

"Jesus saith unto them: Did ye never read in the Scriptures, 'The stone which the builders rejected, the same is become the head of the corner' . . .? And whosoever shall fall on this stone shall be broken; but on whomsoever it shall fall, it will grind him to powder". (Matt. 21:42-44)

"This (Christ) is the stone which was set at nought of you builders, which is become the head of the corner" (Acts 4:11).

"The stone which the builders refused is become the headstone of the corner" (Psalms 118:22).

"To whom coming as unto a living stone, disallowed indeed of men, but chosen of God, and precious. Ye also, as living stones, are

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built up a spiritual house. . . . Behold I lay in Zion a chief cornerstone, elect, precious . . . the stone which the builders disallowed is made the head of the corner; and a block of stumbling and a rock of offense even to them which stumble in at the word". (1st Peter 2:4 to 8 incl.)

It is seen therefore that both the design of our Great Seal and the Great Pyramid typify and glorify, thru the agency of the vitally-important, missing capstone, the allegory of the builders error as indicated in the Scriptures; and that they are each an added testimony of the Spirit, as passed inspirationally into the minds of men, to that which the Bible records as "the stone the builders refused", that of Christ.

Judge Troward brings out a splendid conception of yet another Great Pyramid, existent only in the mind, in his very able writings, one deemed eminently worthy of reproduction here both in the form of a schematic drawing and in the Trowardian interpretation thereof. It is called the Evolutionary Pyramid. Thus is indicated that Creation, both as originally and as evolved since, makes a Great Pyramid, which is also unfinished. The four faces of the Evolutionary Pyramid, in the order of their importance, are the domains of the mineral, vegetable, animal and human. But the human kingdom, as human only, has certain limitations beyond which it can not possibly venture *until a spiritual factor—the gift of the Father to men, is added.* That prime requisite is the headstone

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shown suspended above the unfinished pyramid, that of the establishment of the Divine Ideal (Christ) within us, individually and collectively. The four attributes of the Divine Ideal, in the process of its fixation within the human, are indicated as being the four corners, or four sides of the apex-stone. Once the enthroning of the Divine Ideal is really accomplished within, the headstone terminates for us in that glittering apex of immortality, the "hope (of which) springs eternal in the human breast". (See Chart VIII.)

Coming back to the topic of the relationship between the ancient Hyksos and the modern Anglo-Saxon, from which point digression into other but very closely allied channels was made, another very striking exhibit is presented now. Let us examine and dwell upon for a bit an event which at first thought seems to be quite irrelevant and of a very prosaic nature, that of the capture of Jerusalem from the Turks by General Allenby on December 12, 1917. Resort and close application to Great Pyramid prophecy and geometry, however, causes the episode noted to gleam forth anew, adorned in light. Thereby it is discovered that a great double-augury is recorded in the Pyramid which is of vital import in its Jerusalem connection. The first half of the prophecy goes back more than 2500 years from A.D. 1917, and is the *very same* as that written by both Isaiah and Jeremiah, namely, the fall of Jerusalem into the "hands of the Gentile" because of its peoples

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"yoke of unbelief". That portion of the prognostication *was fulfilled* faithfully with the taking of the Holy City by Nebuchadnezzar, and his leading of Israel into the Babylonian captivity. It was written also that Jerusalem would not be delivered from its Gentile domination until such a day as "the time of the Gentiles be fulfilled". The second portion of the prophecy is found to have been gloriously fulfilled, in its *initial phase only*, by a fact none other than that of Allenby's capture of the Holy City in 1917, and at *exactly the time* presaged by both the Bible and the Great Pyramid. The *final* phase of the second portion of the prophecy is to be fulfilled on September 16, 1936, in a wonderful way by humanity's entrance into the King's Chamber, *exactly* 2520 solar years from the date of Jeremiah's prophecy, written from his cell in prison at the central date of Nebuchadnezzar's siege of Jerusalem. Therein Jeremiah presaged the return of both Israel and Judah from captivity, their reunion in Jerusalem, which culminates in the complete restoration of the Holy City unto them, all of which is in absolute fulfillment of the "Time of the Gentiles". One has only to delve into the history of Jerusalem since its capture by Allenby, as usually written under the heading of the "Palestine Movement", to find absolute verification of the prophecy of Jeremiah; and all present indications, of 1934 that is, just two years prior to the date of the culmination as

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given above, are in agreement that such is to be the case.

The number of 2520 is a remarkable quantity indeed. It is the smallest quantity that can be divided by all of the numbers from 1 to 10, inclusive, without any remainder. It was the measure of time in Nebuchadnezzar's Image, as written in Daniel. Time after time in both Bible and Pyramid chronology and prophecy the number 2520 is used, just as at the end of the paragraph above, used more frequently in fact that any other quantity. Accuracy in its employment in both places is astounding. One may readily verify the fact by carefully studying the prophecies written in the Holy Bible, and by computing the time elements involved so prominently therein. It will be found, however, that the time features are written "in code"; and that it is essential to possess the key to the code. The key is known, and is the same as used by all the Bible *prophetic* authors, in both the Old and New Testaments. Witness its prevalence especially in the Books of Isaiah, Jeremiah, Daniel and the Revelation. Therein will frequently be seen such terms as "seven times", "time, times and the dividing of time", "forty and two months", etc. In those prophecies the word "time" signifies *always* a span of 360 years. By applying that knowledge to the prophecies one can compute the year of their pledged fulfillment with exactness by merely doing a few sums in the art of addition or multiplication. For example, it is written in the



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Bible that God repeatedly warned Judah and Israel that He would chastise them "seven times" if they persisted in their sins. Seven times 360 years is a span of 2520 years, the strange, famous number of the Spirit.

It is seen then that we have both Bible and Great Pyramid verification of the fact that Allenby is the "deliverer" of the Holy City who was promised in the prophecies, the deliverer who was to be of the "*own people*" of Israel. It is reliably reported that General Allenby is *not a Jew*. But he is an *Anglo-Saxon*! And as such he is a descendant of Israel, as abundantly taught by both the Holy Bible and the Great Pyramid in the languages of prophecy, symbolism, and interpretation of the mystical writings.

In concluding this phase of the Great Pyramid study, a brief resume of what is written in prophecy in the Great Pyramid as being the future destiny of the Anglo-Saxon people is very much in order. Summarized, it is this: The destiny of both the United States of America and the British Empire is henceforth a "joint-destiny", just as it has been since before the severance into the two nations. The only separation that *really* has ever existed between them is that one of a *political schism*. In our own times we have seen how closely the two nations were allied in the recent World War, in which they fought together in splendid harmony and with great effectiveness. Economically they are also *mutually inter-dependent*, and shall always be so. For example, when the terrific de-

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cline abruptly came to the London Security Market in 1928, as a result, many believe, of the British Bank Notes and Currency Act, the same panic was present in the New York Market in all of its destructiveness in just a few months. Great Britain abolished the "Gold Standard", only as a temporary measure it was thought then, just two years ago. Again the United States "followed suit", going off the Gold Standard within the past year. Nor is that all by any means. According to the very able D. Davidson, it is written in the Great Pyramid and the Bible that the Gold Standard has been permanently abolished by both England and America; and the present economic system, under which both nations operate is surely doomed to pass out of existence within the course of the next few years. The present system of economics will be immediately supplanted by another, however, is in fact *even now beginning to be supplanted by another*, and a far better and more equitable one. The signs of the times, as they are reported daily from the seats of government of the two countries, add only confirmation to what is written here. Witness, for instance, the recent passage by Congress of the "Securities" and "Stock Exchange" Regulatory Measures. In what direction do these portray a decided tendency? Aside from the "displacement" of the United States of America from the British Empire in the Revolution, purely a political differentiation only, the Great Pyramid makes no further dis-

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tinctions of any importance in the destinies of the two. To the great and infallible prophets of both the Great Pyramid and the Bible, Columbia, except politically, is still one of the fair daughters of Brittania, "Uncle Sam" still the powerful and sturdy son of "John Bull". Hand in hand, the two hearts beating as one, the minds of the two in unison in all really great things, the United States of America and the British Empire will pursue their "joint-destiny" together until the end of time. Never again will a bloody gauntlet be extended either of them by the other. At peace, and in a spirit of closest coöperation, they will face all things together confidently, shielded by the Abundant Grace of the Almighty; and after their transition thru the very troublesome years just ahead they will in the end, the Great Pyramid most positively teaches, be the *Savior-Nations of civilization!* So be it.

## CHAPTER IX

### FROM WORLD WAR TO THE END OF WORLD DEPRESSION

**I**N the twelfth Chapter of the Book of Daniel that great prophet concludes a remarkable prophecy. In verse four thereof, referring to the "Times of the Gentiles", he declared that the interpretation of the prophecy was to be "sealed up, even to the time of the end". An identical statement concerning an interpretation of augury is made by the Rainbow Angel in the Revelation (Rev. 10:4).

The "Time of the End", and its signs by which it is known, as shown in the Bible and the Great Pyramid with equal fidelity, even by Jesus Himself, *begin* with the deliverance of beloved Jerusalem from Gentile domination. In St. Luke, beginning with Chapter 21, verse 24, Jesus speaks: "And Jerusalem shall be trodden down of the Gentiles until the times of the Gentiles be fulfilled . . . and there shall be signs . . . upon the earth, distress of nations, with perplexity . . . men's hearts failing them for fear, and for looking after those things which are coming on earth. . . . And when these things begin to come to pass, then look up, and lift up your heads *for your redemption draweth nigh*".

Let us add to the foregoing at this point two other quotations from the Great Light, prophecies both, which refer to the Time of the End,

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and which very strongly appear to denote specifically the importance that the Great Pyramid, the Great Light in Stone, would play in its conjunction with the Bible at that distant day in interpreting the prophecies that were then "sealed up, even to the time of the end". Reference is first made to Jeremiah 32:18-20, which reads: ". . . the Great, the Mighty God, the Lord of hosts . . . which has *set signs and wonders in the land of Egypt, even unto this day*" (the present time). The second quotation is from Isaiah 19:19-20, and states: "In that day (the present) shall there be an *altar to the Lord* in the midst of the land of Egypt, and a *pillar* at the border thereof *to the Lord*. And it shall be for a sign and for a WITNESS unto the Lord of hosts in the land of Egypt". (To many it is baffling how the Great Pyramid can be situated both "in the midst of the land of Egypt" and "at the border thereof". Such a statement does read like a true paradox until it is illuminated. Please consult and study carefully Chart IX. It shows *how* the Great Pyramid can and *does* fulfill both conditions specified by Isaiah.)

The Great Pyramid we have found was "sealed up" until nearly "the time of the end", and its marvelous message, by means of which many Bible prophecies are being unsealed now, really *was* "sealed up, even to the time of the end", waiting for the minds of late-day men to become sufficiently enlightened to unseal and interpret the recorded wisdom. Of this matter Davidson says: "It is shown that the metero-

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logically and geometrically indicated data of the Great Pyramid proclaim the object of its design and construction, which was seen to be expressed in the form of a graphical message from the civilization of the past to a civilization of the future; and now to be interpreted as a message from the former civilization of the white race to the present civilization of the white race. The message is proclaimed in terms of natural science, and is, therefore, a message from scientists to scientists, or to such as understand the terms of natural science”.

On the basis of these soundly established premises, which are firmly rooted and grounded in Truth as written in the Great Light, let's turn again to the Great Pyramid at the point where study of its interior was last suspended. In the seventh chapter hereof it was noted that Jesus, looking sadly forward to modern times, spoke a wonderful prophecy of the World War, terming that tragic episode “the beginning of sorrows”. Just as these words of His imply, that is only a portion of the pre-vision Jesus had at that time. Referring again to the 24th Chapter of St. Matthew, verses 21 and 22, Jesus, continuing to speak of the Time of the End, said: “For there shall be great tribulation, such as was not since the beginning of the world to this time, no, nor ever shall be. And, *except those days should be shortened*, there should no flesh be saved; but for the elect's sake *those days shall be shortened*”.

The architect of the Great Pyramid wrote

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into his sacred shrine a *prophecy identical* with that of Jesus as voiced above. In the course of the resumed journey thru the Great Pyramid's interior, let's go again to the north end of the Low Passage where the outbreak of the World War is so definitely predicted, and, beginning there, examine the contours of the passage-system to the end of the Second, and last, Low Passage. A marvelous bit of symbolism is thus seen, which added to the dated prophecies as they exist in the same stretch, *agrees perfectly* with both the words and the faithful *promise* of Jesus as seen above. The Low Passage, with its World War factor, as has been shown, marks the start of the "great tribulation". Were it not for the fact that the *Ante-Chamber then intervenes between* the first and second Low Passages, *one*, long, low, dark, *unbroken* bore would continue to the end of what is the Second Low Passage. The date indicated there at the end of the second bore, at the entrance to the King's Chamber, is that of September 16, 1936. From August 4-5th, 1914, to September 16-17, 1936, is a little more than twenty-two years. Does anyone really think that civilization possibly could have withstood *twenty-two*, long, bitter, *unbroken years* of the "great tribulation" like that of the period of the World War with which it began? No! In that event certainly there should have been "no flesh saved". But "for the elect's sake" the days *were shortened* by Divine Intervention, just as is so pow-

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erfully portrayed by the Ante-Chamber's being situated between the two Low Passages.

The Ante-Chamber measurements, please *note*, begin with the date of November 11, 1918, the date of the Armistice which closed the World War. The Ante-Chamber then symbolizes the fulfillment at that date of the prophecy of "the Truce in Chaos", including the period of "the Triple Veil", as defined in the very ancient "Book of the Dead"; it is also "the Place of the Screen before the Great Pyramid's Holy of Holies" (the King's Chamber), as outlined in the same writings. This "Screen" in "the Place of the Screen" is simply the Granite Leaf in the Ante-Chamber; and the Granite Leaf, as interpreted in both the Great Pyramid and the Book of the Dead, is analagous to the Veil in the Temple at Jerusalem which was "rent in twain" at the Crucifixion (Matt. 27:51). The Ante-Chamber symbolizes also the period of the *Unveiling of God's Purpose* in Its relation to the destiny of mankind. The Ante-Chamber typifies, still additionally, the "School of Christ", a school of consecration unto death, until the Purpose indicated is served.

Because it was so written a period of great chaos, part of "the Tragic Epoch", *had to precede* the "Time of the Restitution of All Things"; and the World War fulfilled the first phase of that requirement. Because it was so Written a Truce in Chaos *had to come* else no flesh would have been saved. And in the fact of the first Low Passage, and that of the Ante-



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Chamber, the two Scriptural facts noted immediately above are perfectly set forth in absolute conformity with the teachings of that Great Light, the Bible.

Thru the medium of the Divine Intervention into the affairs of men on November 11, 1918, humanity was given an opportunity, by means of the Truce in Chaos, to "amend his evil ways" which had brought on the Great War because of man's having failed in, or having ceased to play, the noble rôle ordained for him by his Creator. An examination of some of the things in the Ante-Chamber, and of one thing in particular, will give the Great Pyramid's answer to the moot question of whether man did, or did not, observe the sacred trust reposed in him. Comparison of the prophecy thus found written with the historical events of the day will afford an accurate check on each, one with the other. Just a few inches into the Ante-Chamber the Granite Leaf depends from the ceiling of the recess; and the bottom of the Granite Leaf, when the distance is measured, is found to be *just as low* as the ceiling of the Low Passage which marked the limits of the World War. Resorting to measures again, and at the scale prevailing now, it is found that the dates shown for the north and south edges of the Granite Leaf, taken in conjunction with the symbolism of the fact of the Leaf at its bottom being only 43 inches above the floor-plane, are astonishingly illuminating. The date at the north edge of the Granite Leaf is definitely that

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of July 12, 1920, the *first anniversary of the ratification of the Peace Treaty of Versailles* which officially terminated the Great War. The south edge of the Granite Leaf is clearly that of the *third anniversary of the overthrow of the German Empire in November of 1918.*

What is the significance of these two findings, viewed in the light of the symbolism of the Granite Leaf with respect to them? Could it possibly mean that the Peace Treaty of Versailles was deficient in love, charity, forgiveness and other tokens of Brotherhood as taught by Jesus? Could it mean in its ultimate sense that the instrument of the Peace was not a Peace at all, but rather a mere postponement of the issues, a prolific breeder of another, a longer, a much more horrible and more frightfully destructive war?

The Granite Leaf in the Ante-Chamber is the *Stone of Futility*, the futility of the Truce in Chaos, not because the Most High in any sense changed His Mind, or turned away His Face from man, but because man turned away from Him, or rather continued to follow after the false gods who had brought to him the stage of calamity from which he implored ceaselessly for release, the World War.

As a consequence of mankind's woeful neglect of the God-given opportunity of the Truce, what is written as being in store for him then? The Great Pyramid and the Scriptures give the answer in a voice as of thunder; it is: Further and greater pressure should then be brought to

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bear upon man to force him to discharge faithfully his sacred obligations to God and his fellowmen. Further admonishment, with great chastisement following forthwith, in time will bring the most unwilling recalcitrant to a realization of his indebtedness. Hence the Truce in Chaos is shown in the Great Pyramid as having terminated abruptly on the date of May 29, 1928, by the stoppage of the Ante-Chamber and the beginning of the Second Low Passage; there originated with that date the "*Final Humiliation*" of humanity. Again man had to be humbled to the dust; again in an agony as bitter to him as a draught of wormwood and gall he had to go down on his knees to negotiate the Second, and last, Low Passage. In the course of that last low bore humanity is given, as it were," a double-dose of its own bad medicine"; for that tube is nearly *twice as long* as the First Low Passage that indicated the Great War. The Second Low Passage is 101.7 inches long as compared with a length of only 51¼ inches in the First. Hence mankind in its march down the present stage of the grand highway of the ages is beneath a great, loosely-suspended stone, is crawling humbly, sorrowfully, despairingly along that portion of the trail that is proving its Via Dolorosa; and it will not emerge therefrom, teach the Holy Writ and the Great Pyramid, until the date of September 16, 1936. See Chart X.)

Just what calamitous event is found recorded in the history of to-day as having begun at the

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time indicated at the beginning of the Second Low Passage, which is still with us in force, and which is of so great a nature as a "tribulation" that its miseries are recorded in a symbolism exactly like that employed to denote the Great War? Almost any small child could answer that question. The chief phase of the Final Humiliation to date has been that of the worldwide and terrifyingly great economic depression. Heaven knows that this overwhelmingly great catastrophe can be justly classified as being equally as destructive as was the World War, and as being an even greater source of sorrow and despair than the allied event of the War because the economic cataclysm has been diffused over the whole earth, and has not in any sense been localized in its scope of destructiveness. Humanity has not yet *recognized* that it *innately possesses*, but does not resort to the use of, the *one tool* whose proper and diligent employment by him is always an unfailing panacea for all of his afflictions. Mankind has a great wealth of knowledge; but he has little of true wisdom. There is a vast gulf between the two, between knowledge and *Wisdom*, between intellect and *Intelligence*, between the wonderful allegories of two of the trees with which the Bible deals, the "Tree of Knowledge of Good and Evil" in Genesis, and the "*Tree of Life*" in Revelation. Thru having partaken of the forbidden fruits of the former the Fall of Man came; thru his eventually partaking equally as freely of the Life-giving fruits

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of the other man will have every blessing that goes with his rightful estate as a true child of God. *Reliance upon the personal powers of the intellect, reliance upon the personal and human only*, is the Serpent of the first allegory noted, is in fact the Devil. But when the intellect of man is *subjected to*, and *sublimated into the Spirit of Wisdom which is God* the dependence will then be placed in Him who is Unfailing always. Both the Great Light and the Great Pyramid teach in a beautiful way that the one pursuit pre-eminently worth while, the one factor that has salvation in it, is that of the quest of Wisdom. Wisdom sits enthroned deep within each human soul *awaiting only our recognition of it* to serve us faithfully in all of our ways.

The Source of Help, the certain Balm of Gilead, *does exist, please God*. And It is *even now* on the road to *certain rescue* of us! The evidences are many and true, and implicitly dependable, for they, being Truth, are of God.

Turning to astronomy for a minute one magnificent display of evidence is found there. Even the stars in their courses, as both Job and David observed, obey the Divine Wisdom. On September 16, 1936, when humanity emerges from beneath the Last Low Passage into the King's Chamber, Alpha Draconis, the "Evil One" of the heavens, will *again* be on the meridian line below the Pole Star, just as in B.C. 2144 as noted before herein, but with this happy and very important difference prevailing this time. The "Evil One" at this coming visitation will

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be *seven times lower* down on the horizon than before. Evil then will be *seven times descended*, indicating positively the *certain, complete dethronement of Satan to be imminent!* And the reason therefor, as written in the glittering constellations, just as in the Bible and Great Pyramid in other languages, is this: At that same date, very near now, fair Aries, the Ram, appears on the meridian line *above* at the place that was formerly occupied by Alpha Draconis, the line passing exactly between the horns of the Ram on the night stated. Now a Ram of course is a Lamb grown to vigorous maturity. Thus will "the forget-me-nots of the angels", as they shall gleam forth "in the infinite meadows of heaven" on the hallowed night of September 16, 1936, reveal to watchful men that the *Lamb of God has developed into the Mighty Ram which is the Prince of the Flock of God. Beginning* at that date the matured Lamb takes unto Himself "His great power and glory" after having overcome the Dragon.

Additionally, the Holy Bible, even Jesus Himself, teaches that His Second Advent *now quite immediately impends!* Mankind's "redemption draweth nigh", just as He said. In that same scintillating 24th Chapter of St. Matthew, in verses 29 and 30, Jesus also said that His Coming-again is "immediately after the tribulation of those days", and that the said tribulation, which is shortened, would apply to the final period of Chaos.

One third source of cheer and hope is that of

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our subject, the unerring Great Pyramid, which teaches that on September 16, 1936, mankind enters that sublimely beautiful "Chamber of the Grand Orient", the King's Chamber, the largest, the most-wonderfully constructed, the most exalted in its symbolism and geometrical messages, of all the Chambers. The King's Chamber is termed, and is, each and all of the following: "The Chamber of the Field of Good Seed", "The Chamber of the Millennial Age", "The Chamber of Spirit Rebirth" and "The Chamber of Immortality". It is also the "Chamber of the Mystery of the Open Tomb", or "The Chamber of the Grand Orient", of ancient Egyptian and Messianic prophecy, and therein symbolizes these wonderful things: "The Hall of Judgment", "The Cleansing of the Nations", "The Return of True Light from the West", "The Presence of the Master of Death and the Grave", "Death is Swallowed in Light", and "God Lives Forevermore".

In a sense, it is hardly necessary to write any more words to conclude this study, not after having witnessed the sublime implications of the many wonderful names of the King's Chamber into which mankind soon emerges. Yet, lest there be some, who in their understandable delight because of the near approach of these things, may think that there are no more tribulations beyond September 16, 1936, more must be added hereto: The happy estate depicted above in some of the names given, regretfully, does not come overnight. It is an order of

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things, a new dispensation, a "New Deal" for mankind at the Hand of God, which *only begins* at the date noted. But the magnificent Spiritual Quickening which is then reborn "in great power and glory" will move forward irresistibly, sweeping all before it. It also will gush forth as a mighty flood, inexorably carrying to destruction in the Pit all of the "evil things of earth"; and it will *climax very quickly*, comparatively speaking.

Delineating briefly here the things which are yet to be accomplished by the Christ-Consciousness *before* the actual Millennium is here with us, one finds, as confirmed by both the Great Pyramid and the Bible, that the following must yet ensue among mankind.

The *present phase only* of the economic depression will terminate abruptly on September 16, 1936, just as the Last Low Passage ends suddenly at that date in the edge of the King's Chamber, by the occurrence of an "economic earthquake" which will "partially destroy the existing economic structure." Economic struggles, of one kind or another, acute, but not necessarily violent in their repercussions, are due to beset the nations of earth quite consistently until August 20, 1953, according to the prophecies of the Great Pyramid. The now current depression is not the *final phase* of the "second woe" (Rev. 12:12-13-14).

The "Divine Assessment and Judgment of the Nations", undoubtedly a period of very great trial and distress for millions of human-



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ity, will occur over a seventeen-year period which begins September 16, 1936, and terminates, as such, August 20, 1953. Davidson records that the "Great Roundup of Nations", a phase of the "Assessment and Judgment", will definitely begin November 27, 1939.

The final "woe" will begin August 20, 1953. That will be a period during which the whole earth is to be "cleansed of its pollutions", and which will prepare the people of earth for the *actual* beginning of Christ's Millennial Rule, "the Thousand Years of Peace", *by not later than* September 17, 2001.

In the years which remain to mankind before the actual establishment on earth of the Millennial Rule of Christ, life will in no sense be a "bed of rose-petals" for humanity as a whole. On the contrary the period will be one of very great tribulation for those who prefer the "Way of Rebellion" which leads down to the Pit, for those who positively refuse to conform in their ways to the teachings of the Golden Rule of the Christ. By way of example, the Great Pyramid and the Scriptures show conclusively that Jerusalem is to be only partially occupied by Israel until after Armageddon. Armageddon has not been fought as yet. In Ezekiel, the 39th Chapter, is written the prophecy of a war yet to be waged. According to the Great Pyramid and Ezekiel, both as interpreted by the ablest scholars of the day, Russia and her allies shall come to grips with England and her allies at the awful battle of Armageddon. The Valley of

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Megiddo in Palestine is to be the site of the terrible combat, it is written, it being at least the principal strategic flank of the battle's desperate course. Ezekiel, in Chapter 39, verses 9, 12 and 14, indicates that the war prophesied will have "*fuel for 7 years*". It is also brought out that the burials in the vicinity of blood-soaked Megiddo after the battle will *consume a period of seven months time*. It is likewise written that at that fateful time, the battle shall go against Israel at one extremely critical stage, shall go very decidedly against Israel; but at that time *remembering*, Israel in his extremity will "call upon the name of the Lord", who will hear and save him!

As concerns the many things that must yet come to pass prior to the establishment of the Millennial Rule on earth, they may be summarized as follows: Between 1934 and A.D. 2001, *mankind shall make more and greater spiritual progress than has been made for the past nearly six thousand years*, than has been made since the time of the Fall of Man! In a few words man, beneath the tremendous Spiritual Quickening that is soon to begin, will witness in his midst these things: The deathless principles of eternal justice must and shall go into effect in the hearts and lives of men. The trampled law will inexorably enforce its supremacy. Everything must be righted up. All that is contrary to Truth and Good will be forever blasted. Faith and virtue shall surely be rewarded and

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enthroned, and all else overwhelmed by a Christ-majesty that none can withstand!

It is in no sense inferred herein, in conclusion, that *all* the people of the earth will have to undergo the terrific rigors of the Final Tribulation which now confronts us. "*I will not leave you comfortless*" (John 14:18). Please God, neither the Great Light nor the Great Pyramid teach that all people must bear the load of sorrows. In the King's Chamber of the Great Pyramid, please note, the ceiling is perfectly horizontal; and there is an enormous mass of materials and weight in the vast structure above that point. That awful load should no doubt crush in the ceiling of the King's Chamber *were it not for one thing*. The ceiling of the Chamber is made of magnificent, large, and extremely strong *granite beams*, one of which, it was pointed out, weighs *70 tons*. Granite, it has also been shown, is the symbol of the Divine, the stone of God. Thus is symbolized that thru the protection of the Almighty in the Time of the End, His Own people have naught to fear. The King's Chamber, viewed in that light, is yet another two names which fit it admirably, namely, *The Secret Place of the Most High*, and *The Sanctuary of His Beloved*. God is a God of Abundant Grace, yes, of Inexhaustible Grace; and during the troublesome days ahead His Beloved, those who are His Own because they have so chosen, need have no fear of the terrific tribulations that shall sweep around them in tornadic fury for the purpose of "cleansing the

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nations of their pollutions". It is Written: "Thou wilt keep him in perfect peace whose mind is stayed on Thee!" It is Written, too, that "*He that dwelleth in the Secret Place of the Most High* shall abide under the shadow of the Almighty . . . the Lord, He is my refuge and my fortress: my God; in Him will I trust. Surely He shall deliver thee . . . from the noisome pestilence. . . . His Truth shall be thy shield and buckler. Thou shalt not be afraid for the terror by night; nor for the arrow that flieth by day; nor for the pestilence that walketh in darkness; nor for the destruction that wasteth at noonday. A thousand shall fall at thy side, and ten thousand at thy right hand; but *it shall not come nigh thee!*" (Psalms 91: 1 to 7 incl.)

Comforted and assured by the Word of God as written in the Great Light and in the Great Pyramid, the Elect of the Father shall move triumphantly on, sheltered at all times in The Sanctuary of His Beloved. Theirs will be that very happy estate, the promise of which is written in so many places. Read, for example, only the few that follow:

- (1) "For the Lamb which is in the midst of the throne shall feed them, and shall lead them unto living fountains of waters: and God shall wipe away all tears from their eyes" (Rev. 7:17).
- (2) "He that overcometh shall inherit all things; and I will be his God and he shall be my son" (Rev. 21:7).

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- (3) "And the city had no need of the sun, neither of the moon, to shine in it: for the glory of God did lighten it, and the Lamb is the light thereof . . . and the gates of it shall not be shut at all by day: for there shall be no night there" (Rev. 21:23-25).

For the Elect, upon the "Return of True Light from the West", which shall soon come to pass "Death Is (shall be) Swallowed Up in Light"; immortality, the dream of man for ages, will be a *reality*, here and now. Truly Spiritually Illumined, man's *physical regeneration* must automatically follow as an uninterrupted blessing which shall conquer death, a prophecy written in the symbolism of the *Empty Coffer*. For His Beloved it shall be so at the time of the end. They shall be among the glad company of the saints, who, at the date of the establishment of the Millennial Rule now so near at hand, shall sing joyful hosannas that *every soul is saved*. In ecstasy they shall witness also the Triumphant Coronation of the Lamb of God as the "King of Righteousness" whose Great Love-Consciousness *shall light every human heart and soul and make of each human mind a golden shrine for the Eternal Verities*.

THE END

## APPENDIX

*A few of the many scientific wonders of the Great Pyramid of Gizeh.*

(NOTE: Full credit for the discovery of the following facts, and the computations as first made, is given to H. W. J. Senior, Sir Flinders Petrie, Piazzi Smyth and D. Davidson.)

### *Polar Diameter of the Earth:*

Distance from earth to the sun= $91,837,484$  miles.

Height of the Great Pyramid, in inches,= $5,813.01$  Pyramid Inches.

Height of Great Pyramid times two= $(5,813.01 \times 2)$  or,  $11,626.02$ .

$91,837,484 \div 11,626.02 = 7,907.7$ , *Polar Diameter of Earth, in miles.*

Polar diameter of earth, in Pyramid Cubits, is  $20,000,000$ ; and, in Pyramid Inches, Polar Diameter of earth is  $500,000,000$ .

### *The Weight of the Earth:*

Weight of earth= $5,273,000,000,000,000,000$  Pyramid Tons.

Weight of Great Pyramid= $5,273,834$  Pyramid Tons.

Weight of Earth  $\div$  weight of Great Pyramid = quotient of  $1,000,000,000,000$ .

Hence the weight of the Great Pyramid is, practically considered, *one thousand trillionth part* of the Weight of the Earth.

### *Doubling the Cube:*

Cubic contents of Queen's Chamber of Great Pyramid= $10,000,000$  cubic Pyramid Inches.

Cubic contents of King's Chamber of Great Pyramid, using its second height,= $20,000,000$  cubic Pyramid Inches.

Hence the cubic contents of the King's Chamber, considered in their relation to the cubic contents of the Queen's Chamber, *do exactly double the cube.*

*Additionally*, the cubic capacity of the *outside* dimensions of the Granite Coffin in the King's Chamber, in their relation to the *inside* dimensions of the Coffin, *do exactly double the cube.*

### *The Mean Density of the Earth:*

The mean density of the earth is known to be a *variable factor*. But in the field of science there are *five standards* which are employed, depending much upon the nationality

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and inclinations of the one using the figure. These five standards are as follows:

Royal Sappers and Miners.....	5.316
Reich .....	5.440
Cavendish .....	5.450
Baily .....	5.675
Airy .....	6.565

Averaging the five computations shown above, it is found that the result is that of 5.689.

Then the *solid* contents of the Great Coffin=71,250 cubic inches.

That figure  $(71,250) \div \text{the one-tenth of fifty cubed}$  (the formula)=5.7, the *Mean Density of the Earth*, according to the wonderful standard of the Great Pyramid. (Please note that the figure as shown by the Great Pyramid is *only eleven-thousandths* more than the average of the five standards used by present-day science.)

In the foregoing computation the standard of the Pyramid Ton=the weight of 71,250 Pyramid cubic inches of distilled water; and that sum is applied to the *solid* contents of the earth when measured in standard Pyramid cubits.

### *Length of the Solar Year:*

The Solar Year Length is shown in the Great Pyramid, *with exact definiteness*, in not less than *six* ways, and in *four* different units of length. The four units of length employed are: *One inch* for one day, *one inch times ten* for one day, *one inch times twenty-five* (the Pyramid cubit) for one day, and *one inch times one hundred* for one day. The six places in which the Solar Year Length is shown in the Great Pyramid now follows:

- (1) Height of north wall of Queen's Chamber=182.621 Pyramid inches.  
Height of south wall of Queen's Chamber=182.621 Pyramid inches.  
The sum of the heights of the north and south walls of the Queen's Chamber  $(182.621 + 182.621) = 365.242$ , the *Length of the Solar Year*, at rate of one inch per day.
- (2) Length of the Ante-Chamber of Great Pyramid=116.26 Pyramid inches. That figure  $(116.26) \times \text{Pi } (3.14159) = 365.242$ , the *Length of the Solar Year*, again at the rate of one inch per day.
- (3) The distance, measuring horizontally, from the exact center of the Great Pyramid, at the level of the top of the 35th tier of masonry, to the outside surface of the building, is 3,652.42 Pyramid inches.  
At the rate of ten inches per day, the figure of  $3,652.42 \div 10 = 365.242$ , the *Length of the Solar Year*.

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- (4) Each of the four base-sides of the Great Pyramid= $9,131.05$  Pyramid inches.  
One Pyramid cubit= $25$  Pyramid inches.  
Each base-side  $(9,131.05) \div 25 = 365.242$ , the *Length of the Solar Year*, at the rate of one Pyramid cubit per day.
- (5) Perimeter of base of Great Pyramid  $(4 \times 9,131.05) = 36,524.20$  Pyramid inches. Allowing unit of 100 inches to equal one day, one divides thus:  
 $36,524.20 \div 100 = 365.242$ , the *Length of the Solar Year*, at the rate of 100 inches per day.
- (6) Perimeter of base of Great Pyramid= $36,524.20$  Pyramid inches.  
Let altitude of Great Pyramid, in inches,  $(5,813.01) =$  Radius of a circle. Circumference of the circle would be, by formula,  $5,813.01 \times 2 = 11,626.02 \times \pi$  (3.14159) =  $36,524.20$ .  
That figure  $(36,524.20) \div 100 = 365.242$ , the *Length of the Solar Year*, again at the rate of 100 inches per day.

### *The Precession of the Equinoxes:*

The exact length of the Precession of the Equinoxes, the length of time required for our solar system to make one grand revolution around its vastly greater sun, the Pleiades, is a period of 25,827.5 years. The architect of the Great Pyramid enshrined in his mighty building his *exact knowledge* of that span of time in at least *four* places. Herewith the four are shown:

- (1) Each of the two base-diagonals of the Great Pyramid= $12,913.75$  Pyramid inches in length.  
The sum of the two base-diagonals  $(2 \times 12,913.75) = 25,827.5$ , the *Precession of the Equinoxes*, at the rate of an inch per year.
- (2) Width of Grand Gallery of Great Pyramid= $82.20$  Pyramid inches.  
That figure  $(82.20) \times 100 \times \pi$  (3.14159) =  $25,827.5$ , the *Precession of the Equinoxes*.
- (3) Altitude of Great Pyramid, that portion lying above the floor-plane of the King's Chamber= $4,110.5$  Pyramid inches.  
That figure  $(4,110.5) \times 2 \times \pi$  (3.14159) =  $25,827.5$ , the *Precession of the Equinoxes*.
- (4) King's Chamber of Great Pyramid, its floor-level, is situated on the plane of the 50th course of stones.  
Perimeter of the Great Pyramid (outside surface) at this level, in Pyramid Inches,= $25,827.5$ , yet again the length of the *Precession of the Equinoxes*.



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### *Distance from the Earth to the Sun:*

In the matter of the distance from the earth to the sun modern science has not yet reached an accord, one scientist, or group of scientists, with the other. The scientists are divided into two classes with respect to the problem, one group holding that the distance from the earth to the sun is somewhere between 91 millions and  $91\frac{1}{2}$  millions of miles, the other maintaining equally as stoutly that the distance is between  $92\frac{1}{2}$  millions and 93 millions of miles. The architect of the Great Pyramid, however, shows his computation of the distance to be no matter for dispute, and, strangely enough, arrives at a figure almost exactly half-way between those two over which modern men are still bickering, the Great Pyramid's figure being that of 91,837,484 British Statute miles. It is computed thus (after Sir Flinders Petrie):

One-half the length of a base-diagonal of the Great Pyramid is to the altitude of the Great Pyramid as 10 is to 9.

Hence the altitude  $(5,813.01) \times 10$  raised to its 9th power =  $5,813.01 \times 1,000,000,000 = 5,813,010,000,000$  Pyramid inches.

That figure, changed to modern British inches, = 5,818,823,000,000 British inches.

In British feet the figure of 5,818,823,000,000 British inches = 484,901,917,500.

In British miles the figure of 484,901,917,500 British Feet = 91,837,484 miles, the *distance from the earth to the sun*.

### *The Squaring of the Circle:*

The architect of the Great Pyramid depicts therein his positive knowledge of the art of the squaring of the circle, in *practice* as well as in theory only, in many places. A number of the spots where this fact is definitely recorded in the building are shown herewith. They are:

- (1) The area of a right-section of the Great Pyramid is to the area of the base as one is to Pi.

Multiplying the height of the Great Pyramid by half of the length of the base, the area of a right-section thereof is found to be:  $5,813.01 \times 4,565.52 = 26,539,251.5$  Pyramid cubic inches.

To determine the area of the base of the Great Pyramid, one side is squared, thus:  $9,131.05 \times 9,131.05 = 83,375,161$  Pyramid cubic inches.

Consequently, the above statement of proportion, with the figures inserted, reads:  $26,539,251.5 : 83,375,161 :: 1 : 3.14159$ .

Multiplying the means and the extremes of the above equation it is seen that  $83,375,161 = 83,375,161$ . Thus is *the circle squared*.

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- (2) The angle of slope of the outside of the Great Pyramid is  $51^{\circ} 51' 14''$ . 3. This in its relation to the length of the base, 763.81 British feet, and the equation solved, determines the height of the Great Pyramid to be that of 486.2567 British feet.

Another statement of proportion is then written as follows:

The altitude of the Great Pyramid is to the length of one side of the base as one is to Pi.

Inserting the proper figures into it, the proportion then reads:  $486.2567 : 763.81 \times 2 :: 1 : 3.1415$ .

Solving, it is seen that  $1527.62 = 1527.62$ ; and again is *the circle squared*.

- (2-a) The same equation shown immediately above may be written in the form of another measurement, that of inches, and the figures in inches rather than feet used in the equation with the same result of the circle thus being squared. Thus: 5,813.01, the altitude, : 9,131.05, the length of one side of the base,  $\times 2 :: 1 : 3.14159$ . Solved, this equation is  $18,262.10 = 18,262.10$ , showing *the circle to be squared*.

- (3) The length of the King's Chamber is 412.132 Pyramid inches.

The length of one base-side of the Pyramid is 365.242 Pyramid cubits. Setting the above figures into an equation, and solving it, the result is that the area of a circle whose diameter is 412.132 Pyramid cubits is equal to the area of a square whose side is 365.242 Pyramid cubits in length. Thus *is the circle squared*.

- (4) The granite part of the wainscot on the east wall of the Ante-Chamber is 103.033 Pyramid inches in length.

The length of the Ante-Chamber proper is 116.26 Pyramid inches.

Utilizing these two figures as the arms of an equation, and solving, it is found that the area of a square whose base-side is 103.033 Pyramid inches is equal to the area of a circle whose diameter is 116.26 Pyramid inches, thus again *squaring the circle*.

- (5) Allowing the length of the Ante-Chamber in Pyramid inches to be expressed in *Pyramid cubits*, 116.26 Pyramid cubits that is, it is found that the length thus expressed is to one side of the base of the Pyramid as one is to Pi; and the equation is written thus:

116.26 Pyramid cubits: 365.242 Pyramid cubits :: 1 : 3.14159.

Solving,  $365.242 = 365.242$ , yet once more *squaring the circle*.

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- (6) The granite portion of the wainscot on the east wall of the Ante-Chamber, in length 103.033 Pyramid inches, when extended by 100 times will result in the figure of 10,303.30 Pyramid inches.

The length of the Ante-Chamber, 116.26 Pyramid inches, likewise multiplied by 100, is 11,626.02 Pyramid inches. Using the figure of 11,626.02 as the diameter of a circle, or the altitude of the Great Pyramid (5,813.01) as the radius of a circle, it is found that said circle is equal in area to a square whose side is 10,303.30 Pyramid inches in length, thus *squaring the circle*.

Briefly continuing this phase of the mathematical marvels of the Great Pyramid, even though the citing of any more evidence is in a sense superfluous, it is found that the following are true:

- (7) Divide half of the circumference of a circle, whose radius is the altitude of the Great Pyramid (5,813.01 Pyramid inches), by the altitude of the Pyramid, and the quotient will be Pi (3.14159).
- (8) The height of the King's Chamber added to its length will give a sum exactly equal to Pi times the length of the base of the Great Pyramid.
- (9) The length of the Coffin in the King's Chamber, plus the width of the Coffin, is equal to Pi times the depth of the Coffin.
- (10) The length of one base-side of the Great Pyramid (9,131.05 Pyramid inches) is equal to the circumference of a circle whose diameter is the length of the Ante-Chamber (116.26 Pyramid inches), *except* the circumference of said circle is multiplied by 25, the equation being this:  $116.26 \times 3.14159 \text{ (Pi)} \times 25 = 9131.05$  Pyramid inches.
- (11) The cubic diagonal of the King's Chamber is known to be 515.1646 Pyramid inches. That figure, expanded ten times ( $515.1646 \times 10$ ) is equal in its length to the side of a square whose area is equal to the area of a right section (vertical) of the Great Pyramid, namely 5,151.646 Pyramid inches.
- (12) The length of the Ante-Chamber multiplied by fifty will give the altitude of the Great Pyramid in Pyramid inches ( $116.26 \times 50 = 5,813.01$ );  
The height of the Great Pyramid divided by fifty will give the length of the Ante-Chamber ( $5,813.01 \div 50 = 116.26$ )
- (13) The height of either the north or south walls of the Queen's Chamber is 182.62 Pyramid inches.

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The height of the Great Niche in the East wall of the Queen's Chamber is 185 Pyramid inches.

Strangely enough, the square root of 1,826.2 (which is  $182.62 \times 10$ ), divided by 185, equals 3.14159 (Pi).

- (14) In conclusion there is shown very plainly in the Great Pyramid's mathematics a rare example of a *circle*, a *square* and a *triangle*, all of which possess an *equal area*! Such is depicted in the following manner:  
The floor-plane of the Ante-Chamber is located upon the level of the *50th* tier of masonry of the Great Pyramid.

Multiplying the length of the granite portion of the wainscot on the wall of the Ante-Chamber (103.033) by 50 (the Ante-Chamber floor being on the 50th course of stones) the result is  $103.033 \times 50 = 5,151.650$ . Thus it is seen that this figure (5,151.650) is equal to the length of one side of a square which is equal in its area to that of the Great Pyramid's *right vertical section*, or, equal in area to a *circle* which has the Great Pyramid's altitude for its diameter, the area of the base of the Great Pyramid ( $9131.01 \times 9131.01$ ) being equal to the area of a circle having as a diameter the length of 10,303.3 Pyramid inches ( $103.033 \times 100$ ).







